Euro-35 Phase 6 OPL 24 VAC Phase 5 Coin Parts Manual

American Dryer Corporation
88 Currant Road
Fall River, MA 02720-4781
Telephone: (508) 678-9000 / Fax: (508) 678-9447
E-mail: techsupport@amdry.com
www.amdry.com

012902JCARRITA/mcronan

ADC Part No. 450580

Retain This Manual In A Safe Place For Future Reference

American Dryer Corporation products embody advanced concepts in engineering, design, and safety. If this product is properly maintained, it will provide many years of safe, efficient, and trouble-free operation.

ONLY qualified technicians should service this equipment.

OBSERVE ALL SAFETY PRECAUTIONS displayed on the equipment or specified in the installation manual included with the dryer.

The following "**FOR YOUR SAFETY**" caution **must be** posted near the dryer in a prominent location.

FOR YOUR SAFETY	POUR VOTRE SÉCURITÉ
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.	Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables à proximité de cet appareil ou de tout autre appareil.

We have tried to make this manual as complete as possible and hope you will find it useful. **ADC** reserves the right to make changes from time to time, without notice or obligation, in prices, specifications, colors, and material, and to change or discontinue models.

Important

For your convenience, log the following information:

DATE OF PURCHASE _____ **MODEL NO.** **Euro-35**

RESELLER'S NAME _____

Serial Number(s) _____

_____

_____

Replacement parts can be obtained from your reseller or the **ADC** factory. When ordering replacement parts from the factory, you can FAX your order to **ADC** at (508) 678-9447 or telephone your order directly to the **ADC** Parts Department at (508) 678-9000. Please specify the dryer **model number** and **serial number** in addition to the **description** and **part number**, so that your order is processed accurately and promptly.

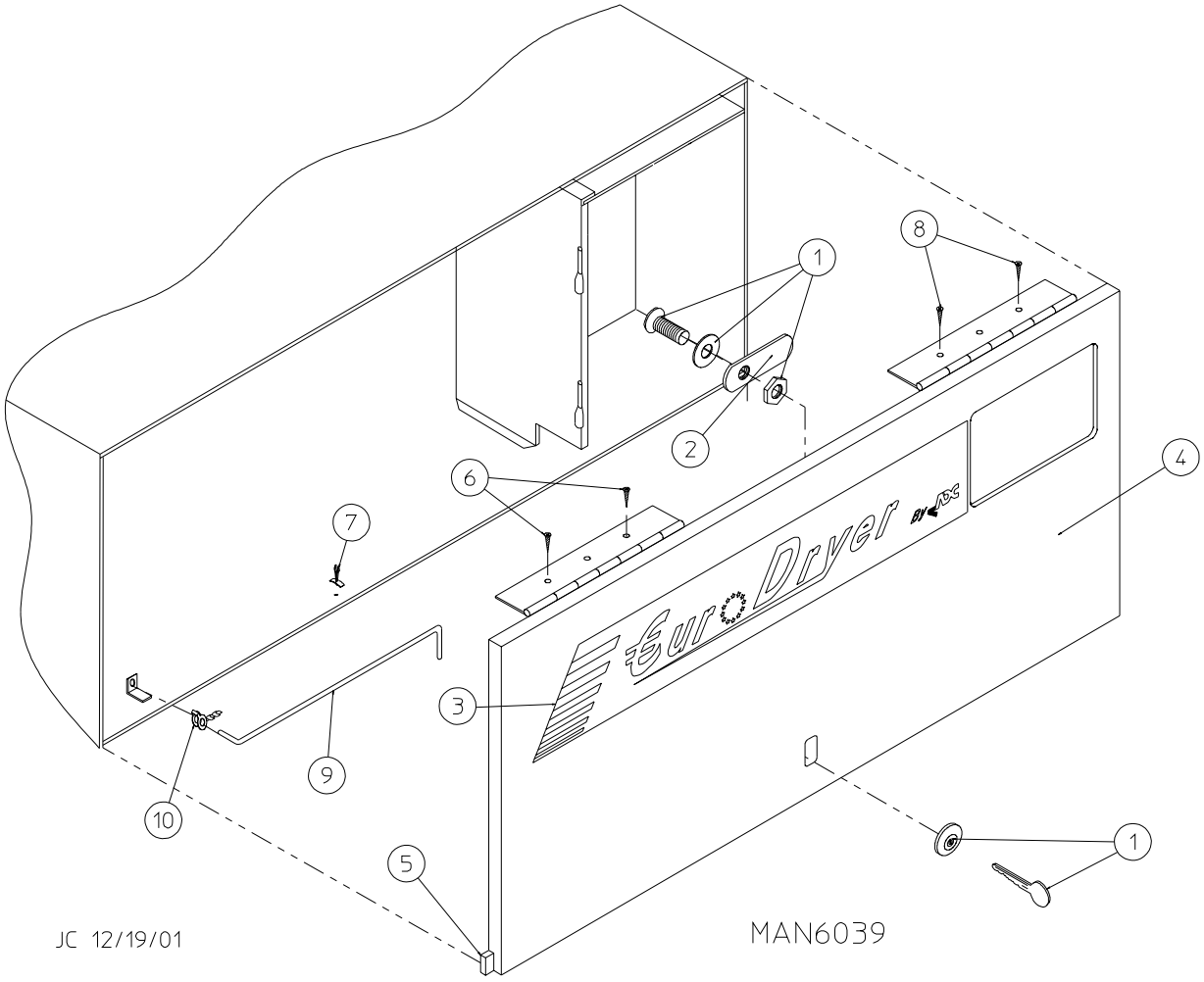
The illustrations on the following pages may not depict your particular dryer exactly. The illustrations are a composite of the various dryer models. Be sure to check the descriptions of the parts thoroughly before ordering.

"IMPORTANT NOTE TO PURCHASER"

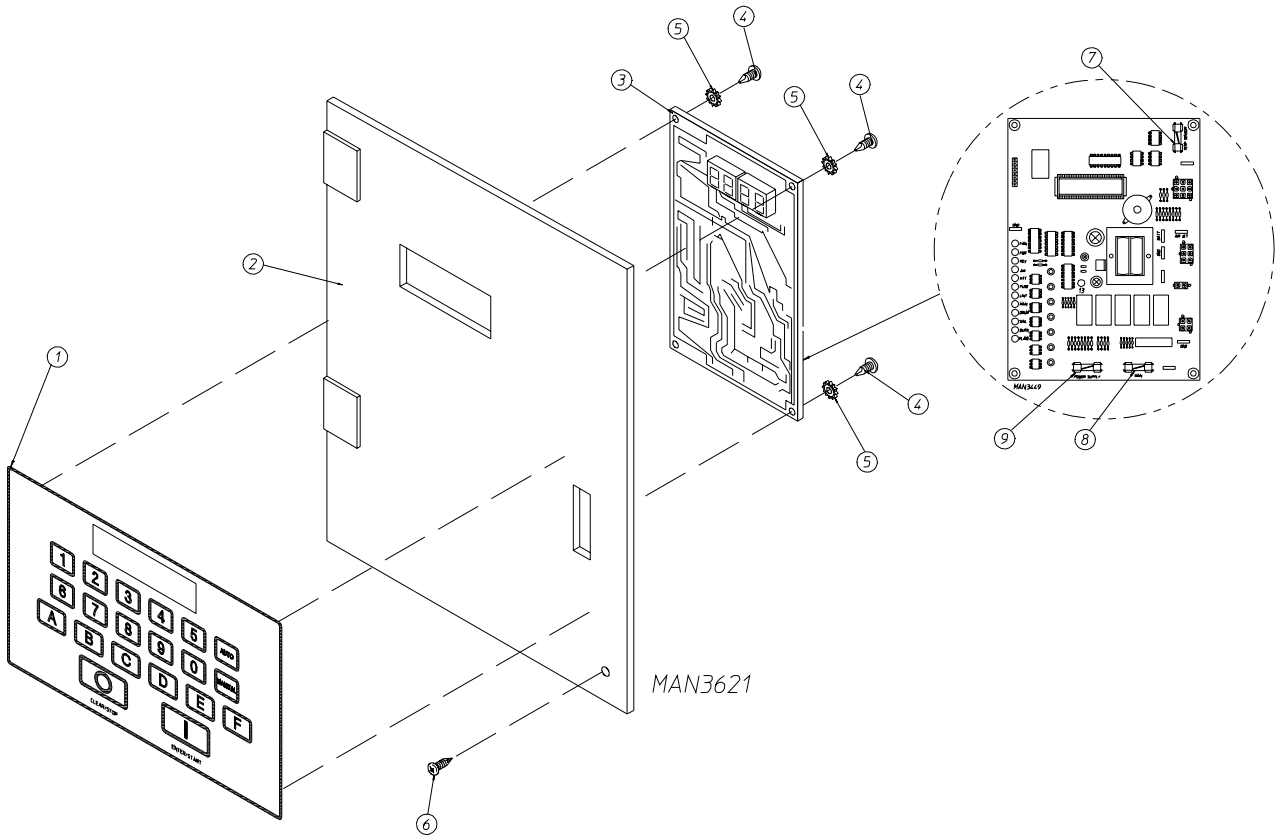
Information **must be** obtained from your local gas supplier on the instructions to be followed if the user smells gas. These instructions **must be** posted in a prominent location near the dryer.

Table of Contents

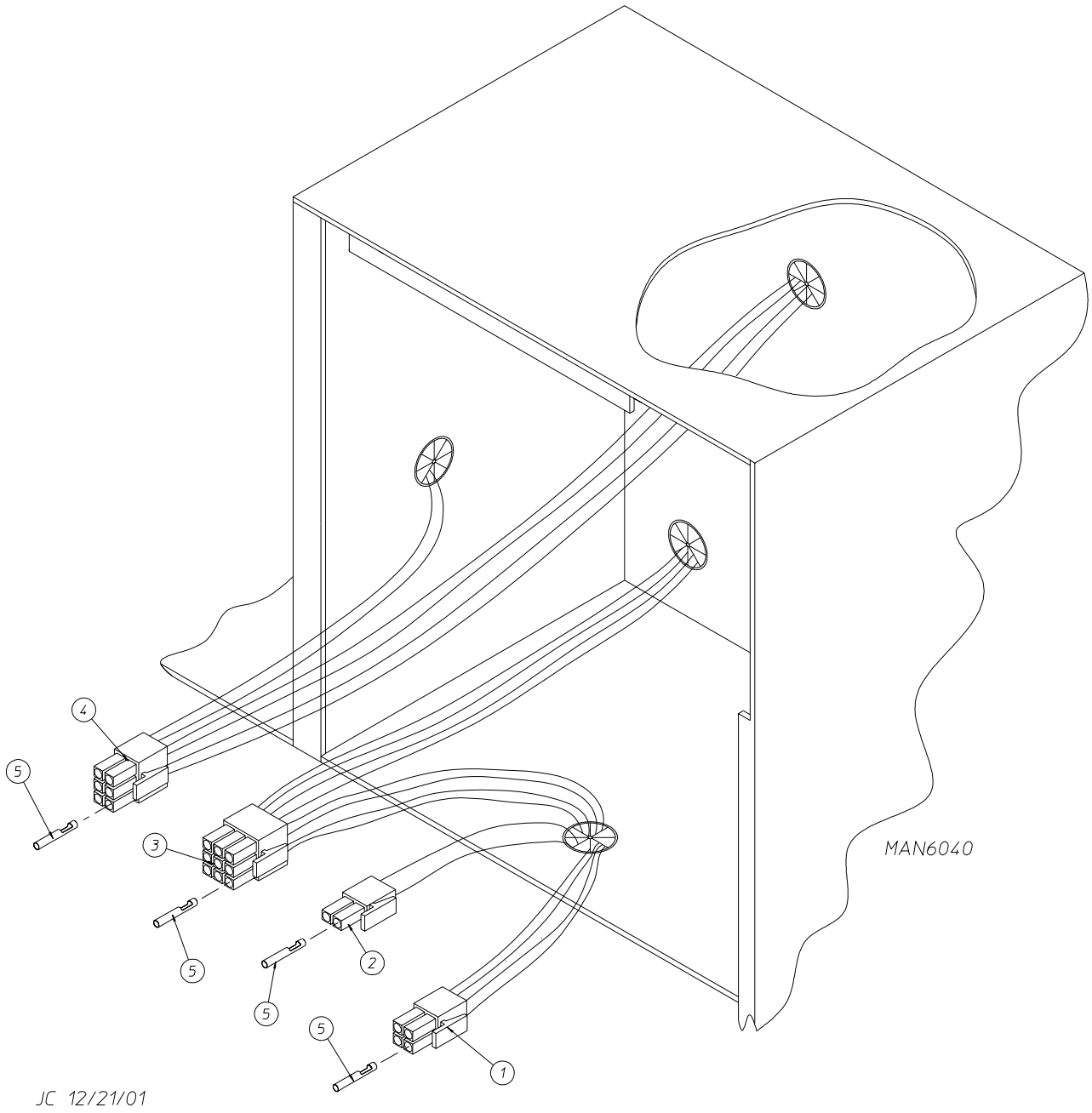
Control Door Assembly 2
Phase 6 OPL Microprocessor Control Panel Assembly 3
Phase 6 OPL Microprocessor Control Box Assembly 4
Phase 5 Coin Microprocessor Control Panel Assembly 5
Coin Vault Assembly 6
Dual Timer Control Panel Assembly 7
Coin and Dual Timer Control Box Assembly 8
Front Panel Assembly 9
Main Door "Steel" Assembly 10
Main Door Switch Assembly 11
Basket (Tumbler)/Support Assemblies 12
Lint Drawer/Lint Drawer Switch Assemblies
For Models Mfd. as of August 10, 2000 13
Lint Drawer/Lint Drawer Switch Assemblies
For Models Mfd. prior to August 10, 2000 14
Idler Bearing Assembly 15
Basket (Tumbler) Bearing Assembly
For Models Mfd. as of January 7, 2000 ..... 16, 17
Basket (Tumbler) Bearing Assembly
For Models Mfd. prior to January 7, 2000 ..... 18, 19
Non-Reversing T.E.F.C. Motor Mount Assembly 20, 21
Reversing T.E.F.C. Motor Mount Assembly 22, 23
Sensor Bracket Assemblies 24, 25
Hot Surface Ignition (HSI) Burner Assembly 26, 27
Electric Oven Assembly 28, 29
Electric Oven Component Application Chart 30
Sail Switch Assembly 31
Single-Phase (1ø) Motor, Electric Relay Panel Assembly 32
3-Phase (3ø) Motor, Electric Relay Panel Assembly 33
Reversing Electric Relay Panel Assembly 34, 35
Air Operated Steam Damper Assembly 36, 37
Outer Top/Back Guard Assemblies 38
Microprocessor Coin Acceptors Listing 39
Additional Parts Available 40



Illus. No.	Part No.	Qty.	Description
1	160015	1	High Security MK-100 Lock Assembly with Key (for coin models Only)
	160017	1	Special Dummy Lock ONLY (for non-coin models Only)
	160104	1	MK-100 Key ONLY
2	160052	1	Lock Cam ONLY
3	112367	1	Euro Logo with Tape
4	882751	1	White High Security Control Door Assembly Less Lock (includes illus. nos. 4 and 5)
	882749	1	Coral Blue High Security Control Door Assembly Less Lock (includes illus. nos. 4 and 5)
	882761	1	Ivory High Security Control Door Assembly Less Lock (includes illus. nos. 4 and 5)
5	117603	4	Noise Suppressor Tape (sold by the foot)
6	150309	2	#10-16 x 1/2” Hex Head TEK Crimptite Screw
7	102603	1	Control Door Rod Support Catch
8	150309	2	#10-16 x 1/2” Hex Head TEK Crimptite Screw
9	102502	1	Control Door Support Rod
10	102601	1	Control Door Rod Retainer Clip

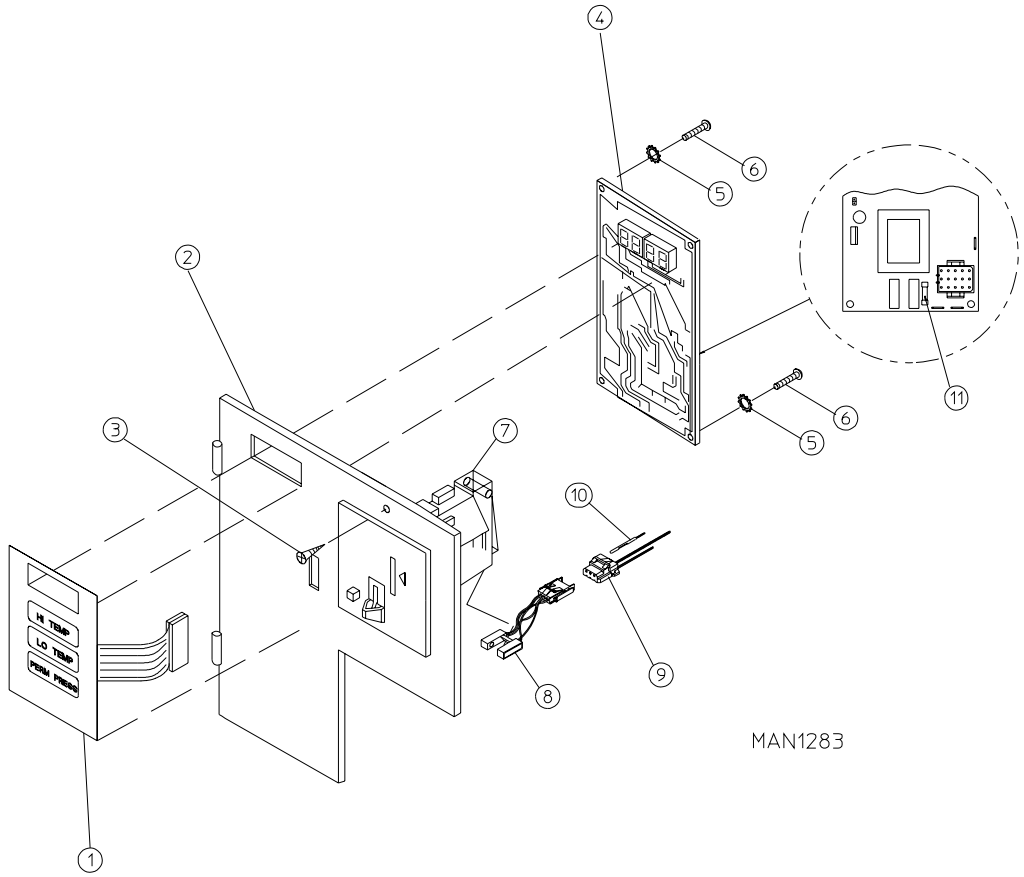


Illus. No.	Part No.	Qty.	Description
1	112537	1	Phase 6 OPL Keyboard
	112276	1	OPL Stick-On Labels (English Only)...Not Illustrated
	112275	1	3-Language OPL Stick-On Labels (Spanish, Italian, and Hebrew)...Not Illustrated
	112277	1	3-Language OPL Stick-On Labels (English, Spanish, and Hebrew)...Not Illustrated
	112278	1	5-Language OPL Stick-On Labels (Italian, Dutch, French, German, and Chinese)...Not Illustrated
2	881745	1	Phase 6 Microprocessor Controller (computer) Panel ONLY
	881747	1	Phase 6 OPL Non-Reversing Computer Panel Assembly Complete (includes illus. nos. 1 through 5 and 7 through 9)
	881746	1	Phase 6 OPL Reversing Computer Panel Assembly Complete (includes illus. nos. 1 through 5 and 7 through 9)
3	137123	1	Phase 6 OPL Non-Reversing Microprocessor Controller (computer) ONLY
	137122	1	Phase 6 OPL Reversing Microprocessor Controller (computer) ONLY
4	150005	3	#6-32 x 3/4” Phillips Round Head Machine Screw
5	153010	3	#6 Star Washer
6	150309	1	#10-16 x 1/2” Hex Head TEK Crimptite Screw
7	136048	1	1/8-Amp (slo blo) Fuse
8	136017	1	3.15-Amp (fast acting) Fuse
9	136019	1	1-Amp (fast acting) Fuse



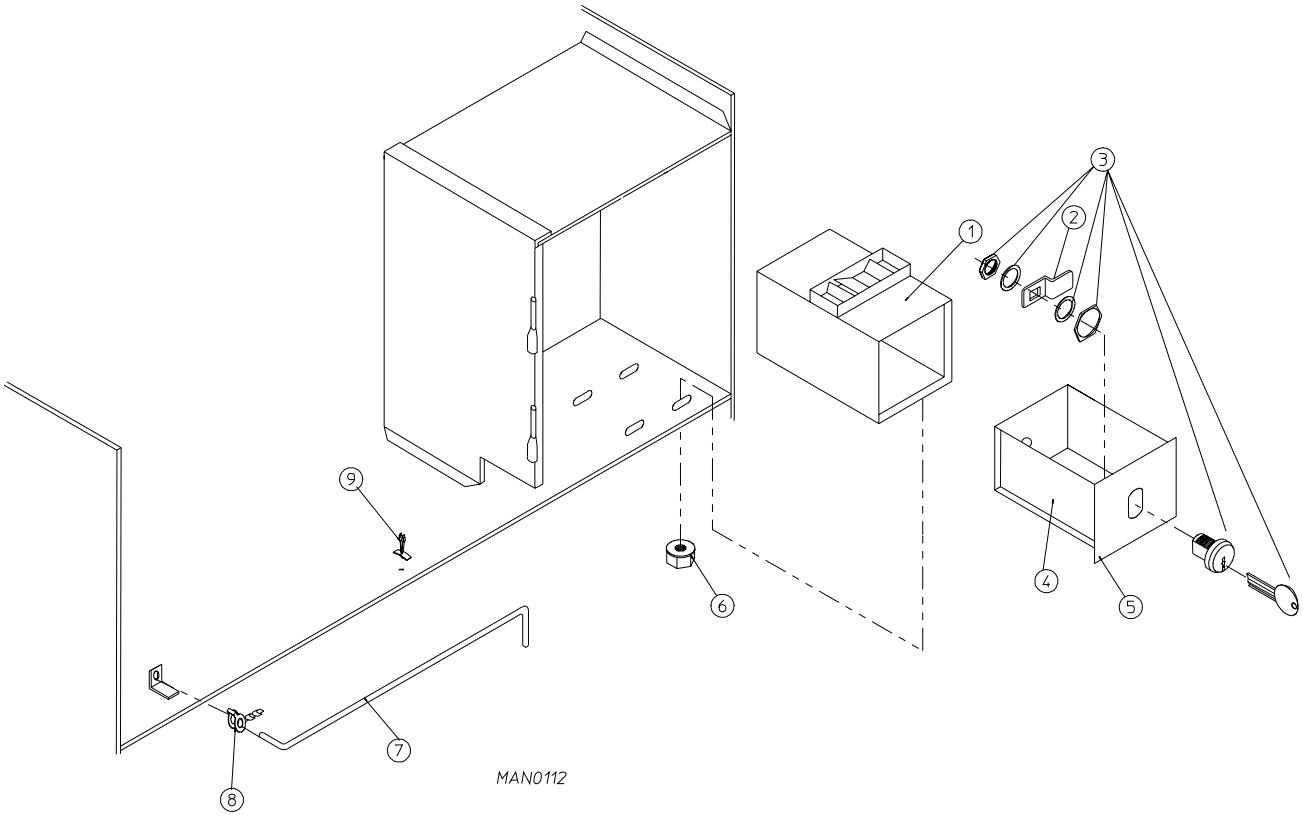
Illus. No.	Part No.	Qty.	Description
1	122648	1	4-Pin Connector
2	122646	1	2-Pin Connector
3	122640	1	9-Pin Connector
4	122644	1	6-Pin Terminal
5	122706	*	Socket Terminal ONLY
--	122801	1	Pin/Socket Extraction Tool

* As needed.



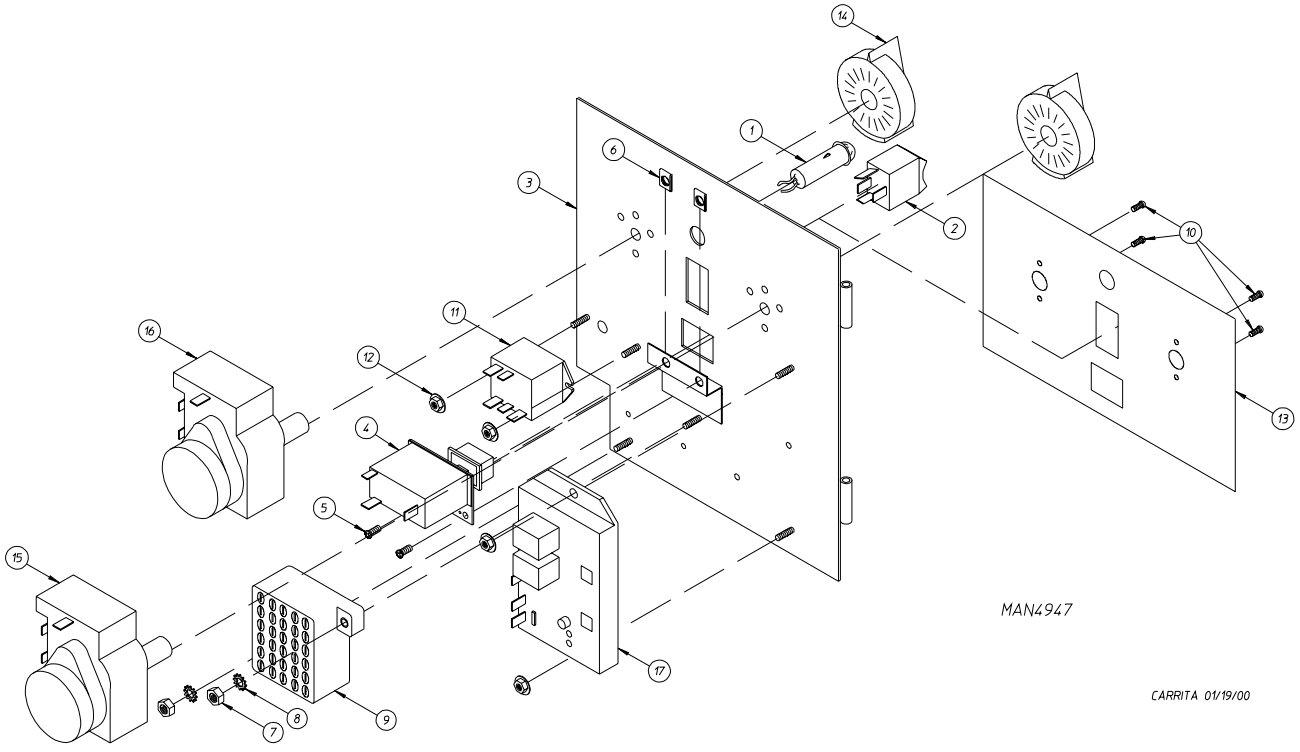
Illus. No.	Part No.	Qty.	Description
1	112526	1	Coin Keyboard Label Assembly
2	801213	1	Phase 5 Coin Control Panel Assembly (includes illus. nos. 1, 2, 4, 5, and 6)
	801229	1	Phase 5 Coin Control Panel Assembly with Battery Option (includes illus. nos. 1, 2, 4, 5, and 6)
	801259	1	Coin Control Panel ONLY
	801258	1	Coin Control Panel ONLY with Battery Bracket
3	150309	1	#10-16 x 1/2" Hex Head TEK Crimptite Screw
4	137213	1	Phase 5 Coin Controller ONLY
	824998	1	Phase 5 Battery Clip
5	153010	2	#6 Star Washer
6	150005	2	#6-32 x 1/4" Phillips Round Head Machine Screw
7	--------	1	Microprocessor Coin Acceptor (refer to **Microprocessor Coin Acceptors Listing** on **page 39**)
8	--------	1	Optic Switch ONLY (refer to **Microprocessor Coin Acceptors Listing** on **page 39**)
9	137023	1	Optic Switch Connector ONLY
10	137021	3	Microprocessor Socket ONLY
	880772	1	Single Coin Optical Switch Harness
	122800	1	Microprocessor (female) Pin Extraction Tool
11	136048	1	1/8-Amp (slo blo) Fuse

IMPORTANT: Check label on computer chip to verify correct part number of controller (computer).



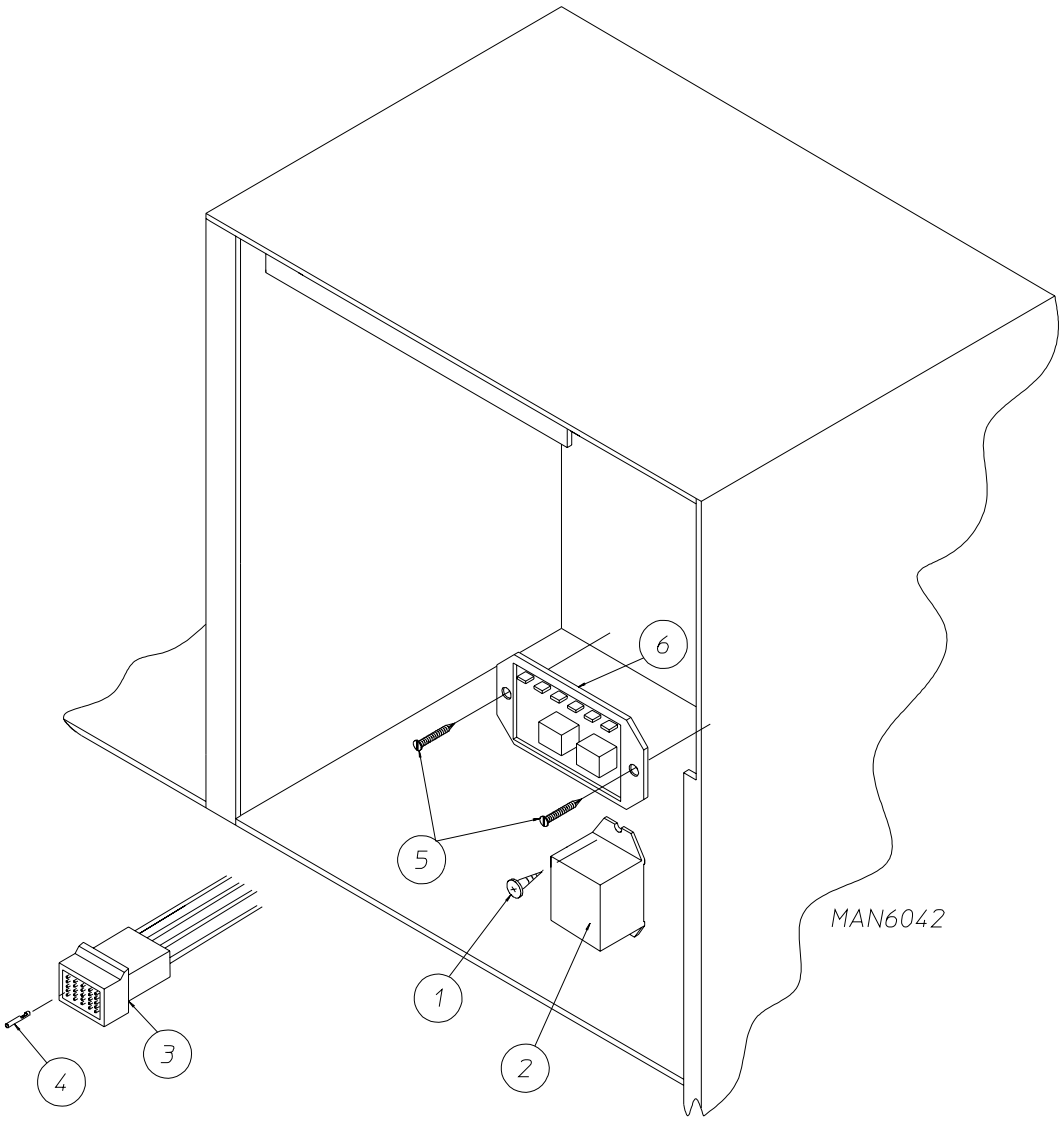
Illus. No.	Part No.	Qty.	Description
1	802112	1	Microprocessor Coin Vault Assembly Complete (includes illus. nos. 1 through 6)
	802117	1	Microprocessor Coin Vault ONLY
2	160028	1	Cam for 1/4 Turn Lock ONLY
3	875061	1	1/4 Turn Lock with Key and Cam
	160105*	1	1/4 Turn Mer-Pel Key ONLY
4	802020	1	1/4 Turn Coin Box Assembly (includes illus. nos. 2 through 5)
	802019	1	1/4 Turn Coin Box ONLY without Faceplate
	125915	1	High Security (Greenwald) Coin Box ONLY with Key
5	802018	1	1/4 Turn Coin Box Faceplate ONLY
6	152014	4	1/4-20 Free Spin Wash Nut
7	102502	1	Control Door Support Rod
8	102601	1	Control Door Rod Retainer Clip
9	102603	1	Control Door Rod Support Catch

* Specify key number when ordering.



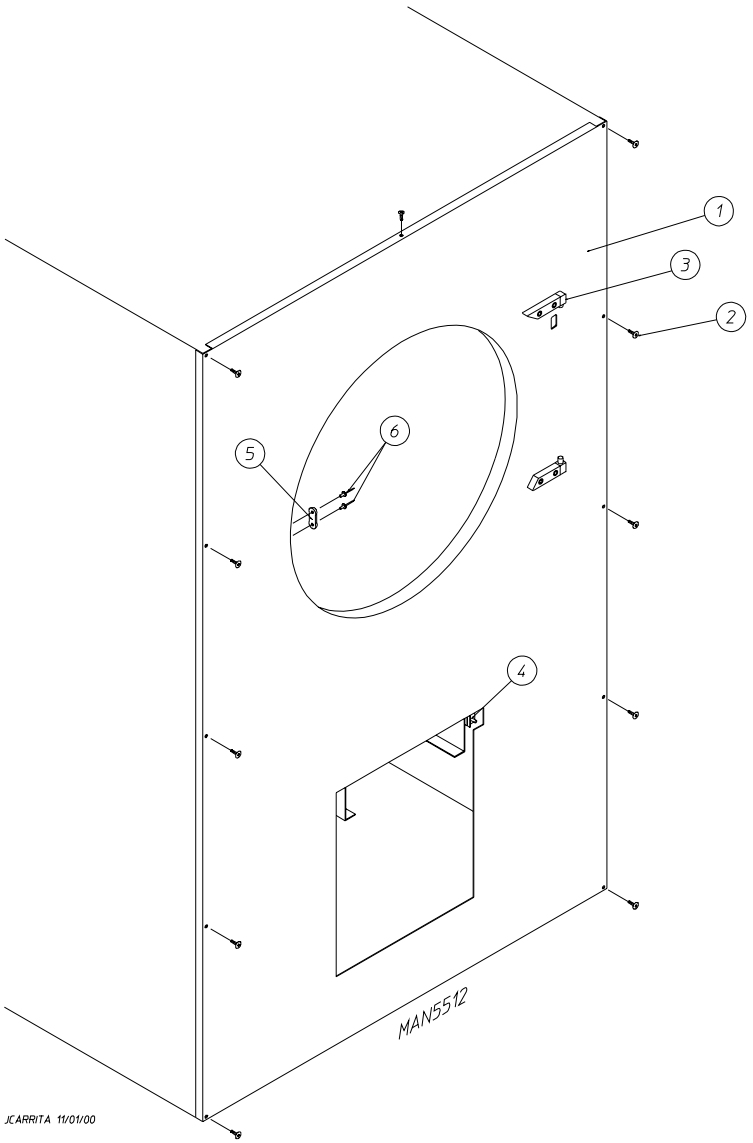
Illus. No.	Part No.	Qty.	Description
1	123005	1	Red Indicator Light - 24 VAC
2	122400	1	Rocker Heat Selector Switch
3	818051	1	Non-Reversing Dual Timer Control Panel Assembly Complete - 24 VAC (includes illus. nos. 1 through 16)
	--------*	1	Reversing Dual Timer Control Panel Assembly Complete - 24 VAC (includes illus. nos. 1 through 17)
	850456	1	Dual Timer Control Panel ONLY
4	131917	1	Push-to-Start Relay - 24 VAC
5	150207	2	#10-24 x 1/2" Round Head Machine Screw
6	154001	2	#10-24 Speed Nut
7	152000	2	#6-32 Hex Nut
8	153010	2	#6 Star Washer
9	120730	1	30-Position Terminal Block
10	150110	4	#8-32 x 1/4" Phillips Round Head Machine Screw
11	131932	1	Dual Timer Relay - 24 VAC
12	151000	2	#6-32 Pal Nut
13	112050	1	Dual Timer Label ONLY
14	124103	2	Arrow Timer Knob
15	124025	1	60-Minute Timer - 24 VAC
16	124030	1	15-Minute Timer - 24 VAC
17	132198	1	Reversing Timer - 24 VAC (reversing models Only)

* Not available at time of printing. Contact factory for information.

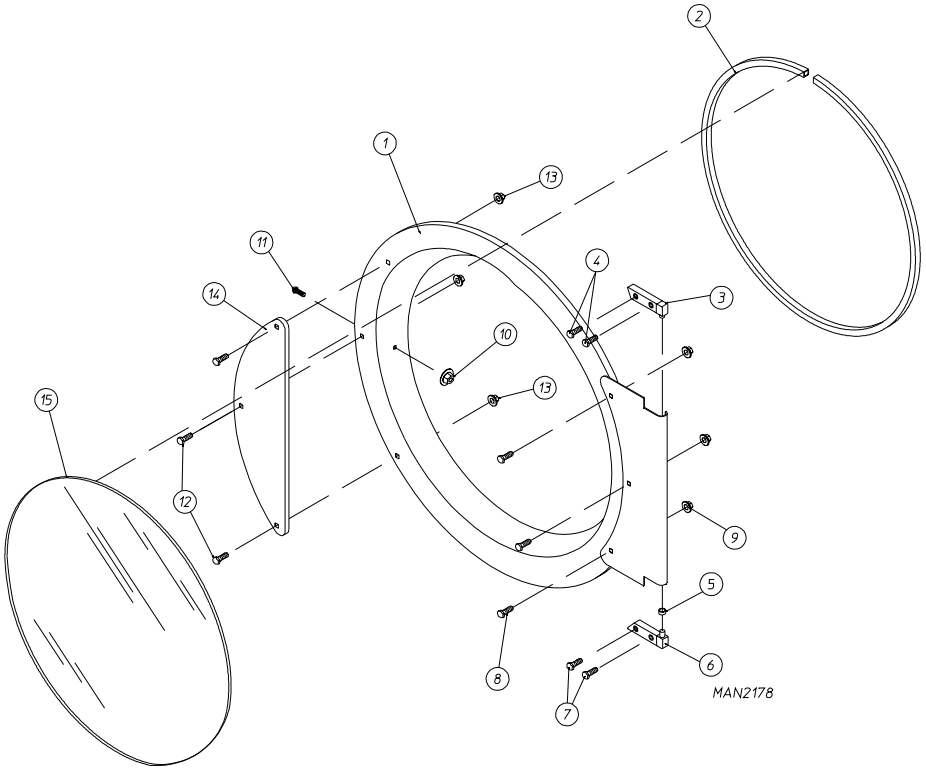


Illus. No.	Part No.	Qty.	Description
1	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw
2	131931	1	Heat Relay - 24 VAC (for dual timer models Only)
3	122641	1	15-Pin Microprocessor Controller (computer) Connector
4	122706	*	Socket Terminal ONLY
--	122801	1	Pin/Socket Extraction Tool
5	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw
6	132198	1	Reversing Timer 24v (for reversing dual timer models Only)

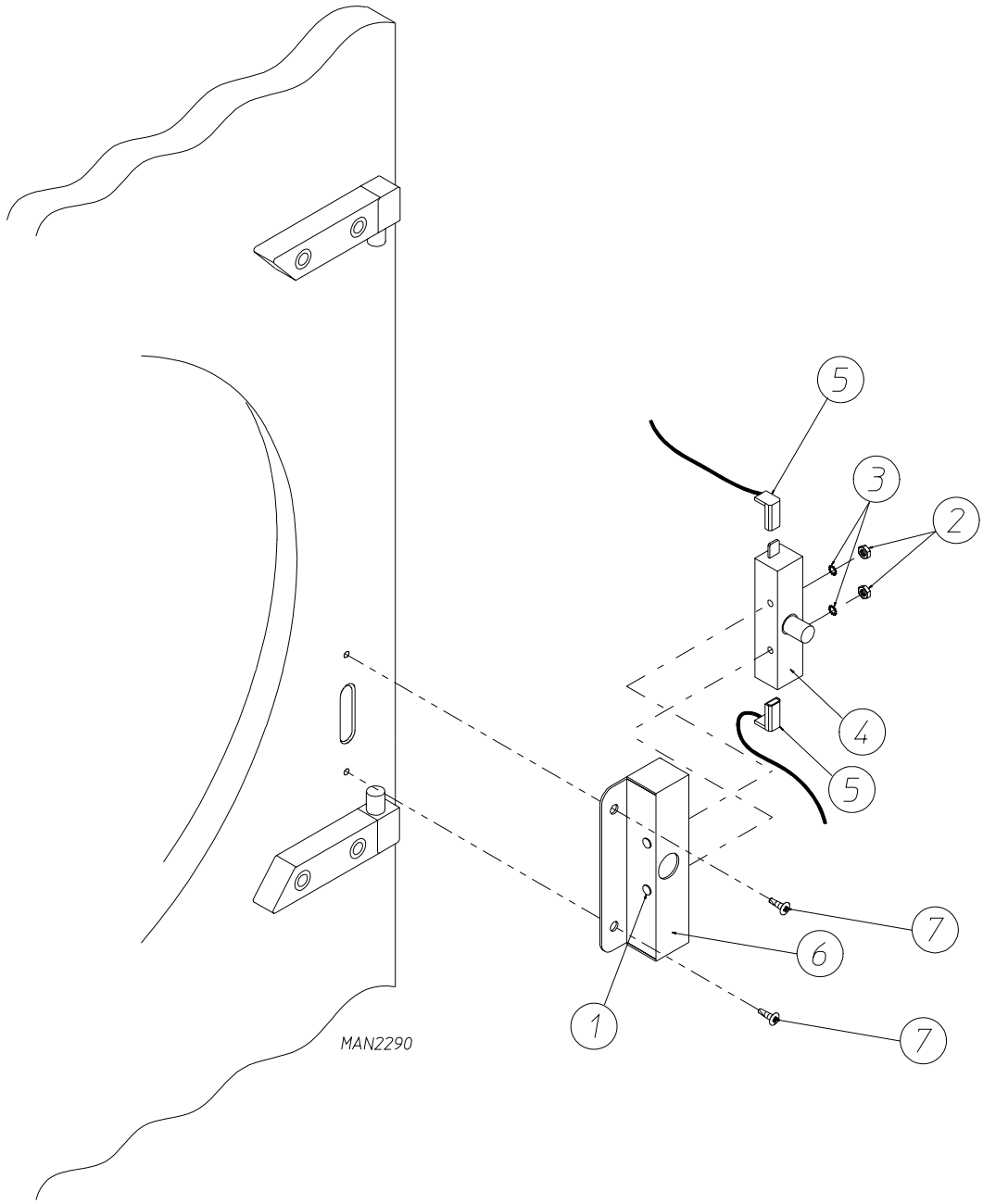
* As required.



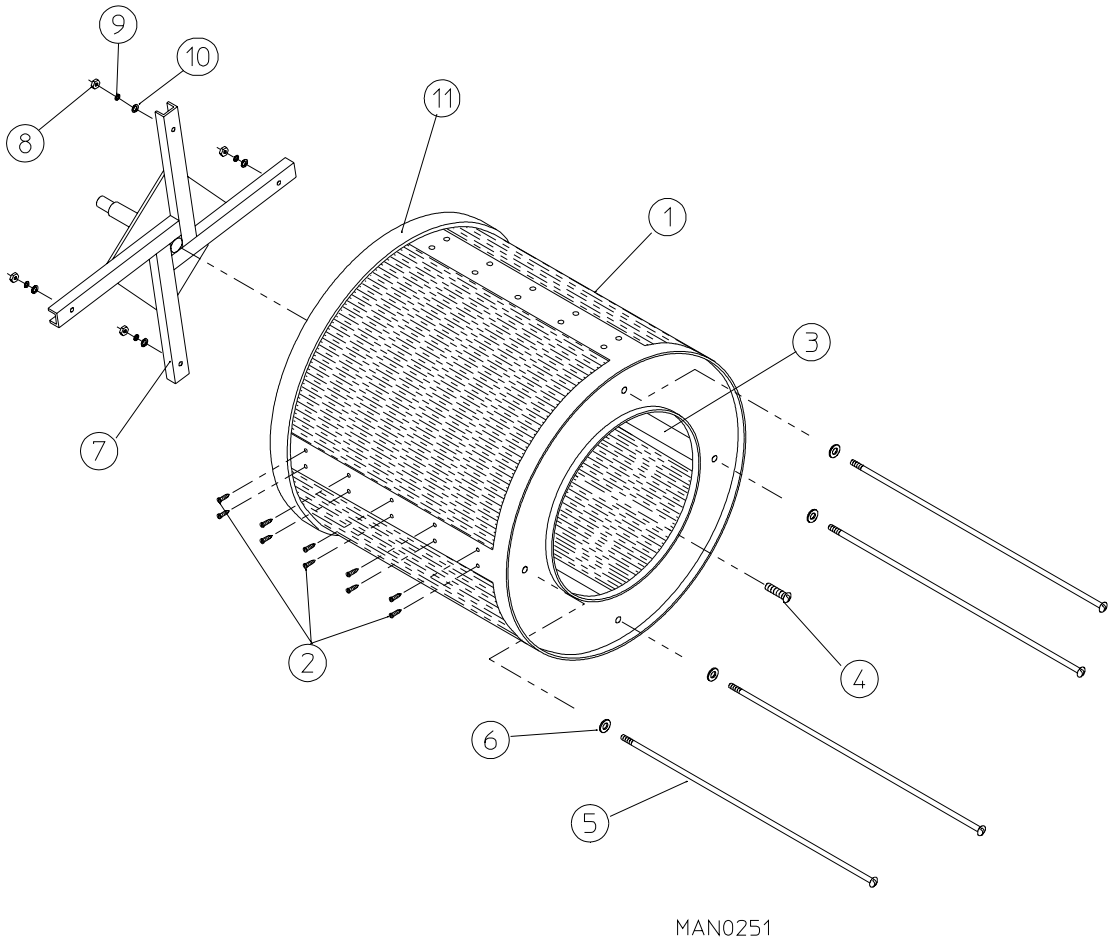
Illus. No.	Part No.	Qty.	Description
1	882905	1	White Front Panel Assembly (includes illus. nos. 1, 3, 5, and 6)
	882901	1	Coral Blue Front Panel Assembly (includes illus. nos. 1, 3, 5, and 6)
	882902	1	Ivory Front Panel Assembly (includes illus. nos. 1, 3, 5, and 6)
2	150313	11	#10-16 x 1/2" TORX Plus BTN Type 1
	150318	1	25 IP TORX Plus Bit 1/4 Hex (for removal of TORX head screw)
3	--------	1	Main Door Hinge (refer to **Main Door "Steel" Assembly** on **page 10**)
4	--------	1	Lint Drawer Switch (refer to **Lint Drawer/Lint Drawer Switch Assemblies** on **page 13**)
5	881987	1	Friction Door Latch (includes illus. nos. 5 and 6)
6	154215	2	5/32" Pop Rivet



Illus. No.	Part No.	Qty.	Description
1	881150	1	Black Main Door Assembly Complete (includes illus. nos. 1, 2, and 8 through 15)
2	102354	1	Door Gasket
	170730	1	Clear Glass Adhesive (10.3 oz. cartridge)
	170731	1	Black Glass Adhesive (10.3 oz. cartridge)
3	881152	1	Black Top Hinge Block Assembly (includes illus. nos. 3 and 4)
4	150445	2	1/4-20 x 3/4" Black Cap Head Setscrew
5	153031	1	1/4" Nylon Washer
6	881151	1	Black Bottom Hinge Block Assembly (includes illus. nos. 5, 6, and 7)
7	150445	2	1/4-20 x 3/4" Black Cap Head Setscrew
8	150683	3	1/4-20 x 5/8" Black Carriage Bolt
9	152014	3	1/2-20 Free Spin Wash Nut
10	151010	1	#10-32 Black Hex Acorn Nut
11	150120	1	Door Latch Screw
12	150683	3	1/4-20 x 5/8" Black Carriage Bolt
13	152014	3	1/2-20 Free Spin Wash Nut
14	881210	1	Black Main Door Handle ONLY
15	102211	1	20-7/16" Door Glass
	102218	1	20-7/16" Door Glass with 4 Holes (for models mfd. between February 2, 2001 and September 6, 2001)
	170730	1	Clear Glass Adhesive (10.3 oz. cartridge)
	170731	1	Black Glass Adhesive (10.3 oz. cartridge)



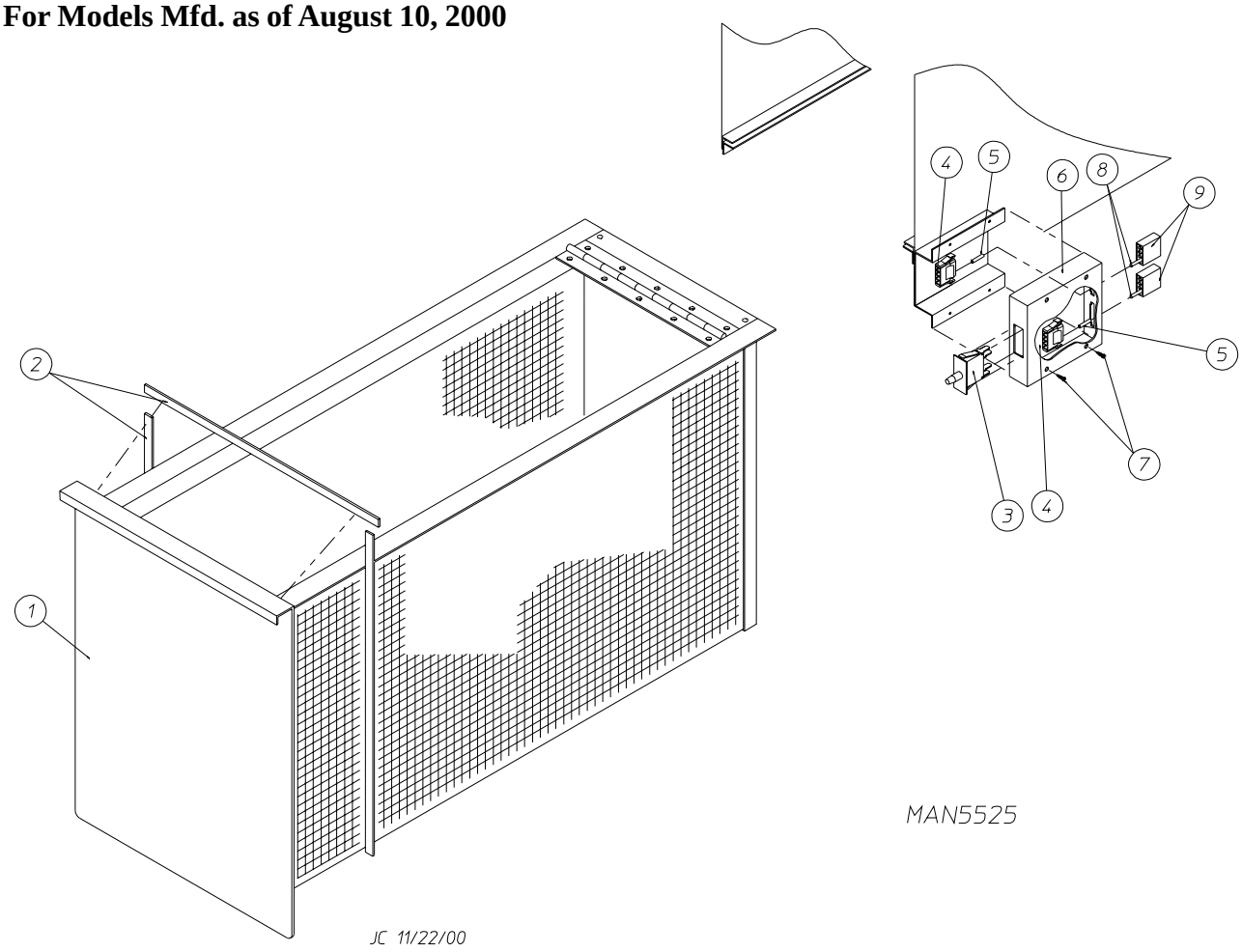
Illus. No.	Part No.	Qty.	Description
1	150006	2	#6-32 x 7/8” Phillips Pan Head Machine Screw
2	152013	2	#6-32 Hex Nut
3	153010	2	#6 Star Washer
4	137005	1	Door Switch
5	122636	2	Flag Terminal
6	881211	1	Black Main Door Switch Housing ONLY
	881153	1	Black Main Door Switch Housing Complete (includes illus. nos. 1, 2, 3, 4, and 6)
7	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw



Illus. No.	Part No.	Qty.	Description
1*	800708	1	Basket (tumbler) ONLY without Felt Collar
	800734	1	Stainless Steel Basket (tumbler) ONLY without Felt Collar
	800816	1	Basket (tumbler) and Support Assembly Complete (includes illus. nos. 1 through 10)
	800873	1	Stainless Steel Basket (tumbler) and Support Assembly Complete (includes illus. nos. 1 through 10)
2	150413	40	#10-16 x 1/2" TORX Head Crimptite Screw
	150429	1	TORX Hand Driver (for removal of TORX head screw)
3	301308	4	Basket (tumbler) Rib ONLY
	301423	4	Stainless Steel Basket (tumbler) Rib ONLY
4	150500	1	5/16-18 x 3/4" Socket Button Head Screw
5	100905	4	3/8-16 x 37" Tie Rod
6	153004	4	3/8" Flat Washer
7	800613	1	Basket (tumbler) Support ONLY
8	152005	4	3/8-16 Hex Nut
9	153005	4	3/8" Lock Washer
10	153004	4	3/8" Flat Washer
11	116000	1	Felt Collar ONLY
---	401010	1	#847 Adhesive For Felt Collar

* Felt collar *is not included* and **must be** ordered separately.

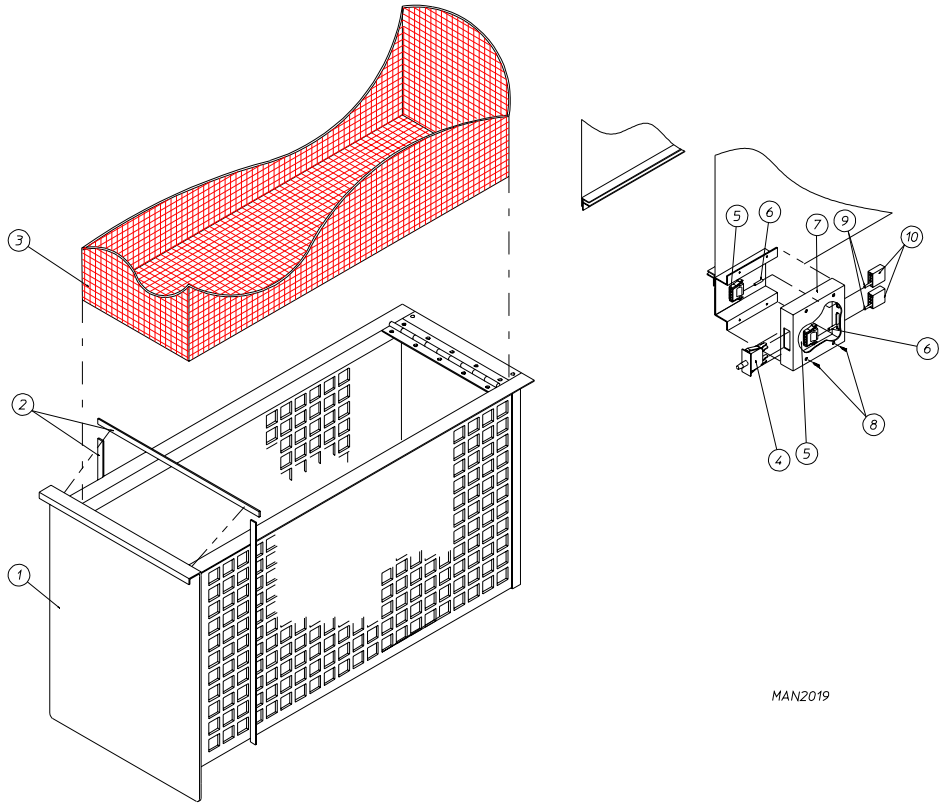
For Models Mfd. as of August 10, 2000



Illus. No.	Part No.	Qty.	Description
1	883155	1	White Lint Drawer Assembly (includes illus. nos. 1 and 2)
	883156	1	Coral Blue Lint Drawer Assembly (includes illus. nos. 1 and 2)
	883157	1	Ivory Lint Drawer Assembly (includes illus. nos. 1 and 2)
2	117605	5	Gasket (sold by the foot)
3	122116	1	Lint Drawer Switch
4	122605	1 or 2	4-Pin Socket Connector ONLY
5	122701	*	Socket Terminal ONLY
	122801	1	Pin/Socket Extraction Tool
6	883229	1	Lint Drawer Switch Box Assembly (for coin models Only) (includes illus. nos. 4 through 7)
	818087	1	Lint Drawer Switch Box Assembly (for OPL models Only) (includes illus. nos. 4 through 7)
	304136	1	Lint Drawer Switch Box ONLY
7	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw
8	122700	*	Pin Terminal ONLY
9	122604	1 or 2	4-Pin Connector ONLY

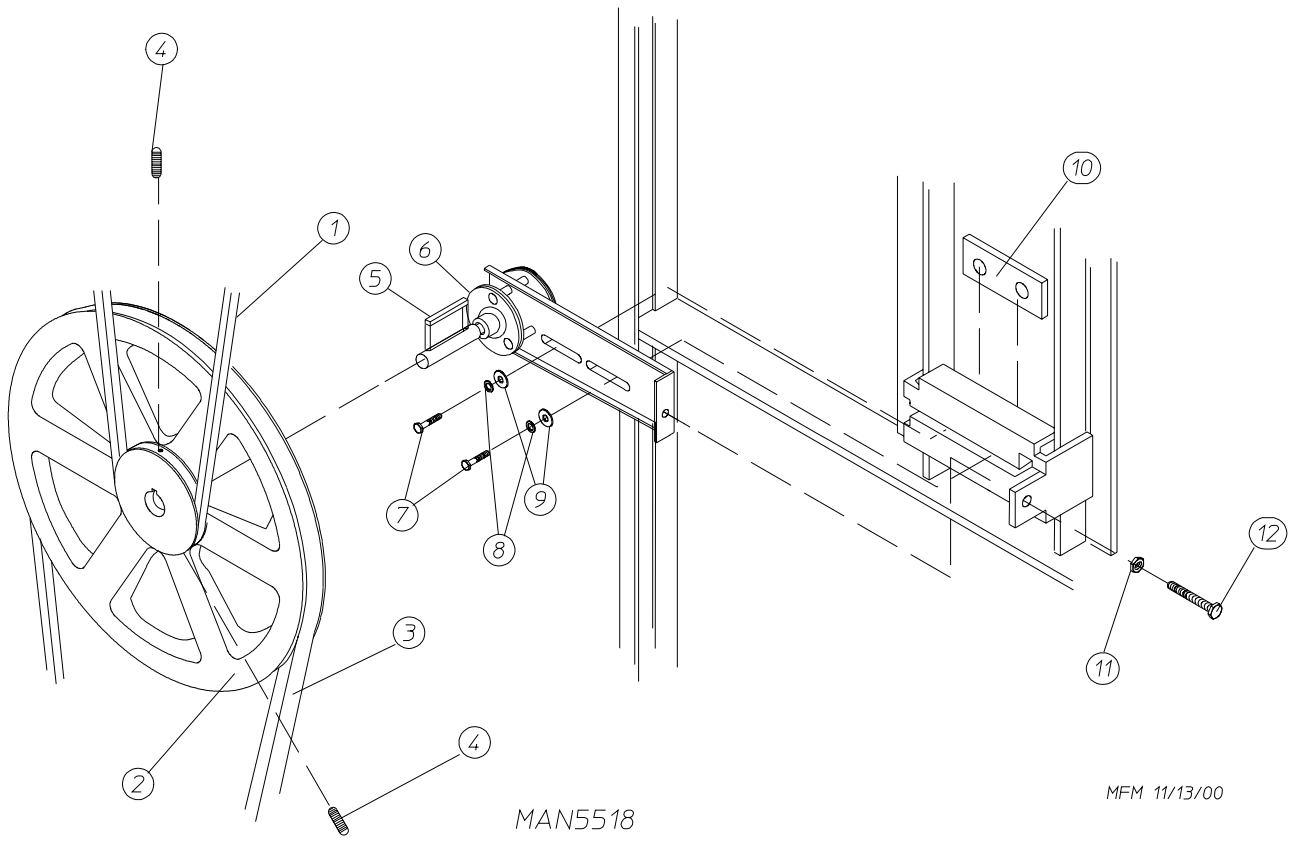
* As required.

For Models Mfd. prior to August 10, 2000



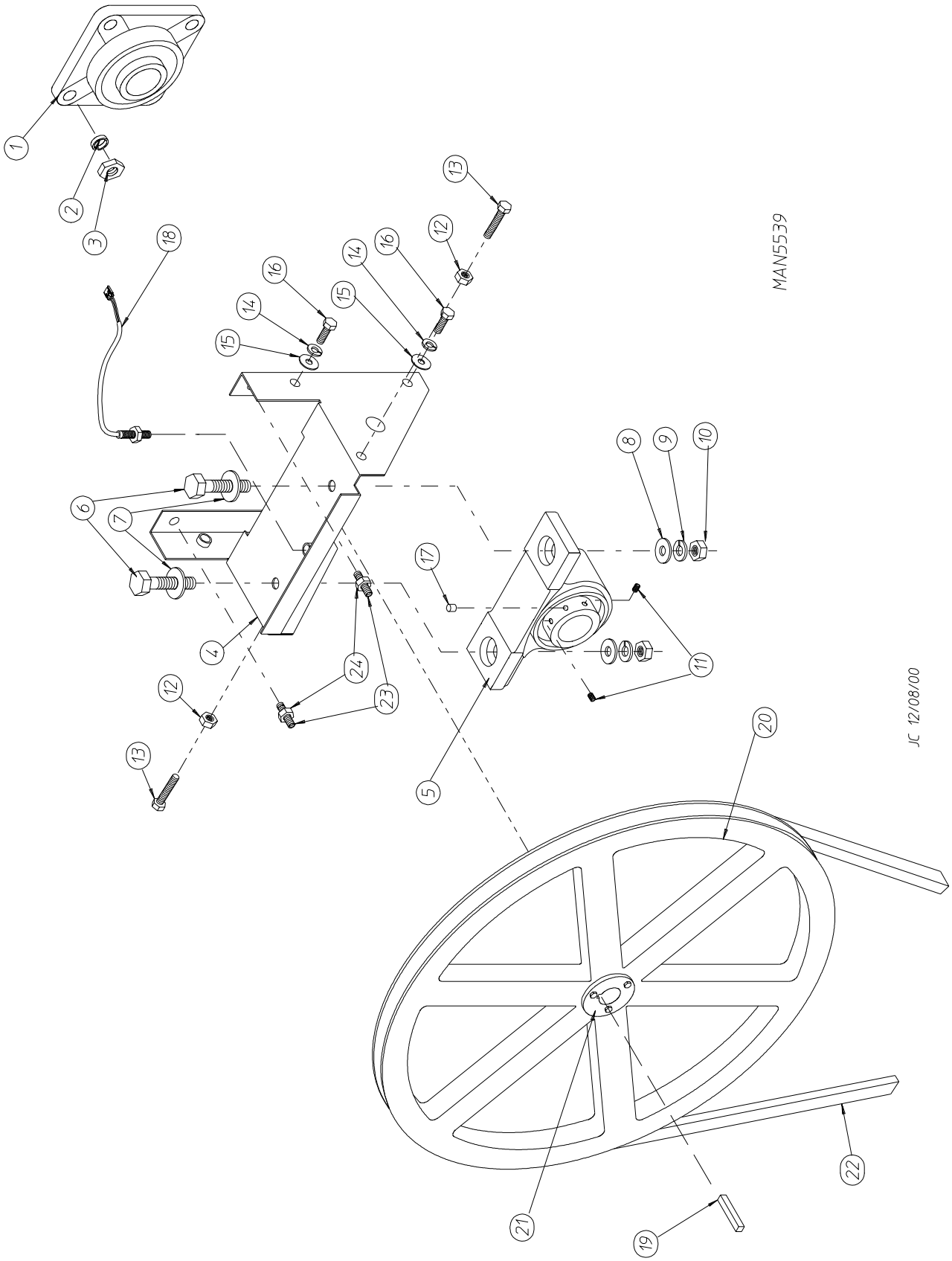
Illus. No.	Part No.	Qty.	Description
1	882514	1	White Lint Drawer Assembly (includes illus. nos. 1 and 2)
	882515	1	Coral Blue Lint Drawer Assembly (includes illus. nos. 1 and 2)
	882516	1	Almond B Lint Drawer Assembly (includes illus. nos. 1 and 2)
2	117605	5	Neoprene Sponge tape (sold by the foot)
3	108224	1	Lint Screen Assembly
4	122116	1	Lint Drawer Switch
5	122605	1 or 2	4-Pin Socket Connector
6	122701	*	Socket Terminal ONLY
	122801	1	Pin/Socket Extraction Tool
7	883229	1	Lint Drawer Switch Box Assembly (includes illus. nos. 4 through 7) (for coins models Only)
	818087	1	Lint Drawer Switch Box Assembly (includes illus. nos. 4 through 7) (for OPL models Only)
	304136	1	Lint Drawer Switch Box ONLY
8	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw
9	122700	*	Pin Terminal ONLY
10	122604	1 or 2	4-Pin Connector ONLY

* As required.



Illus. No.	Part No.	Qty.	Description
1	100106	1	5L-690 V-Belt (basket [tumbler] to idler)
2	101140	1	14” x 3” Compound Pulley
3	100194	1	4L-720 V-Belt (idler to motor) For Non-Reversing Models ONLY
	100109	1	4L-650 V-Belt (idler to motor) For Reversing Models ONLY
4	154301	2	5/16-18 x 1” Allen Setscrew
5	100705	1	3/16” x 3/16” x 1-3/8” Key
6	882576	1	Idler Bearing Assembly Complete (includes illus. nos. 5 through 12)
7	150617	2	3/8-16 x 1” Hex Head Machine Bolt
8	153005	2	3/8” Lock Washer
9	153004	2	3/8” Flat Washer
10	801009	1	Idler Square Washer
11	152004	1	5/16-18 Hex Nut
12	150509	1	5/16-18 x 3” Hex Head Machine Bolt

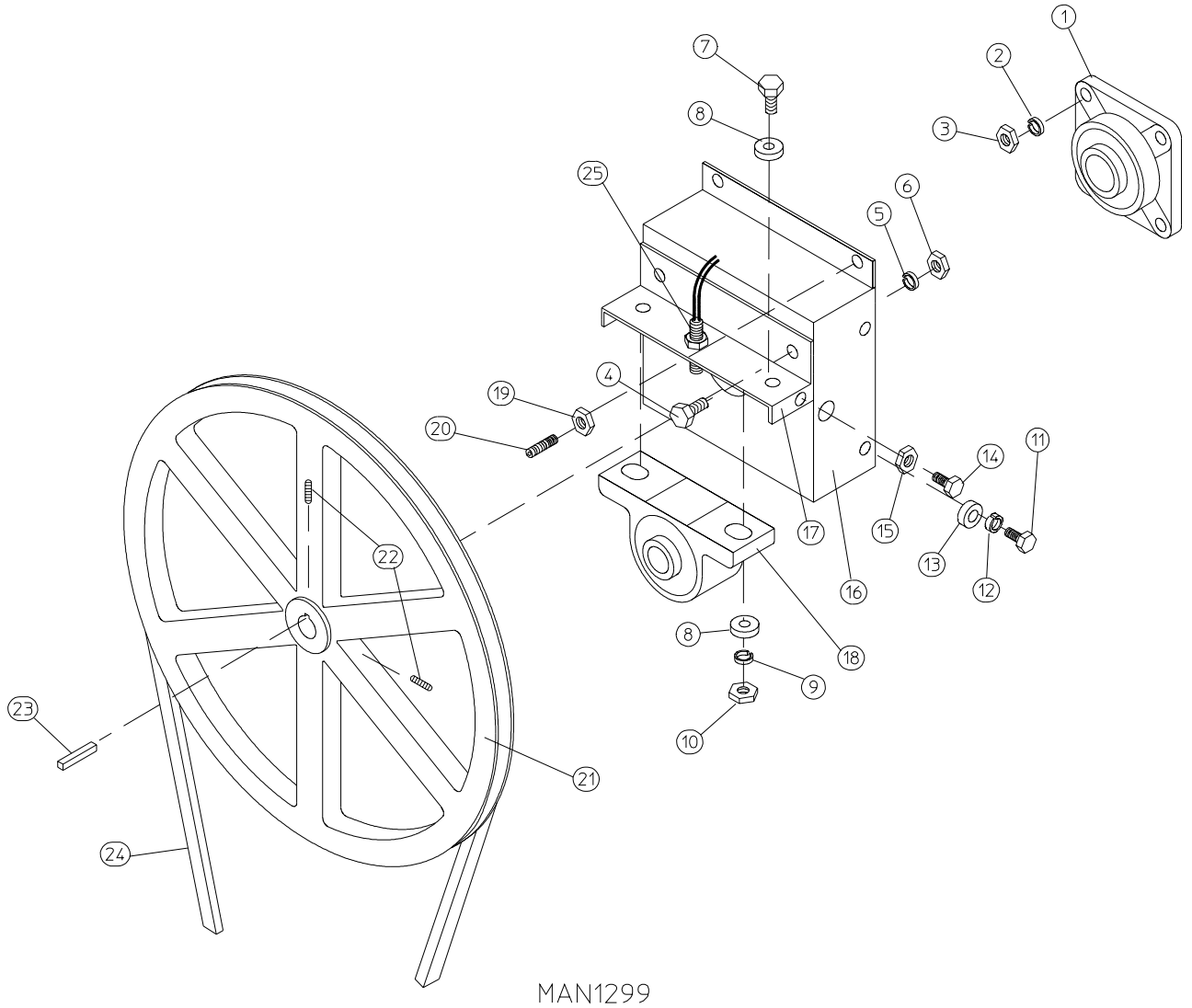
For Models Mfd. as of January 7, 2000



For Models Mfd. as of January 7, 2000

Illus. No.	Part No.	Qty.	Description
1	880220	1	1-3/4" Flange Bearing
2	153025	4	9/16" Lock Washer
3	152050	4	9/16-12 Hex Nut
4	882544	1	Pillow Block Bearing Assembly Complete (includes illus. nos. 4 through 17, 23, and 24)
	882545	1	Pillow Block Bearing Assembly Complete with Rotational Sensor (includes illus. nos. 4 through 18, 23, and 24)
	882542	1	Pillow Block Bearing Platform ONLY
	882543	1	Pillow Block Bearing Platform ONLY (for models with rotational sensor)
5	880202	1	1-3/8" Pillow Block Bearing
	880779	1	1-3/8" Pillow Block Bearing (for reversing models Only)
6	150601	2	3/8-16 x 2" Hex Bolt
7	153004	2	3/8" Flat Washer
8	153004	2	3/8" Flat Washer
9	153005	2	3/8" Lock Washer
10	152005	2	3/8-16 Hex Nut
11	154326	2	5/16-24 x 3/8" Setscrew
12	152004	2	5/16-18 Hex Nut
13	150621	2	5/16-18 x 1-1/2" Tap Bolt
14	153002	4	5/16" Lock Washer
15	153004	6	3/8" Flat Washer
16	150501	4	5/16-18 x 3/4" Tap Bolt
17	102120	1	Sintered 8 Magnet (for reversing models Only)
18	824807	1	Rotational Sensor Assembly
19	100724	1	Shaft Key (for non-reversing models mfd. as of July 9, 2001)
	100713	1	Shaft Key (for non-reversing models mfd. prior to July 9, 2001)
	100735	1	Shaft Key (for reversing models Only)
20	101100	1	18" Pulley (for non-reversing models Only)
	101118	1	18-3/4" Pulley (for reversing models Only)
21	101110	1	1" Taper Lock Bushing (for reversing models Only)
22	100106	1	5L-660 V-Belt (basket [tumbler] to idler)
23	150610	2	5/16-18 x 1-1/2 Allen Setscrew
24	152004	2	5/16-18 Hex Nut

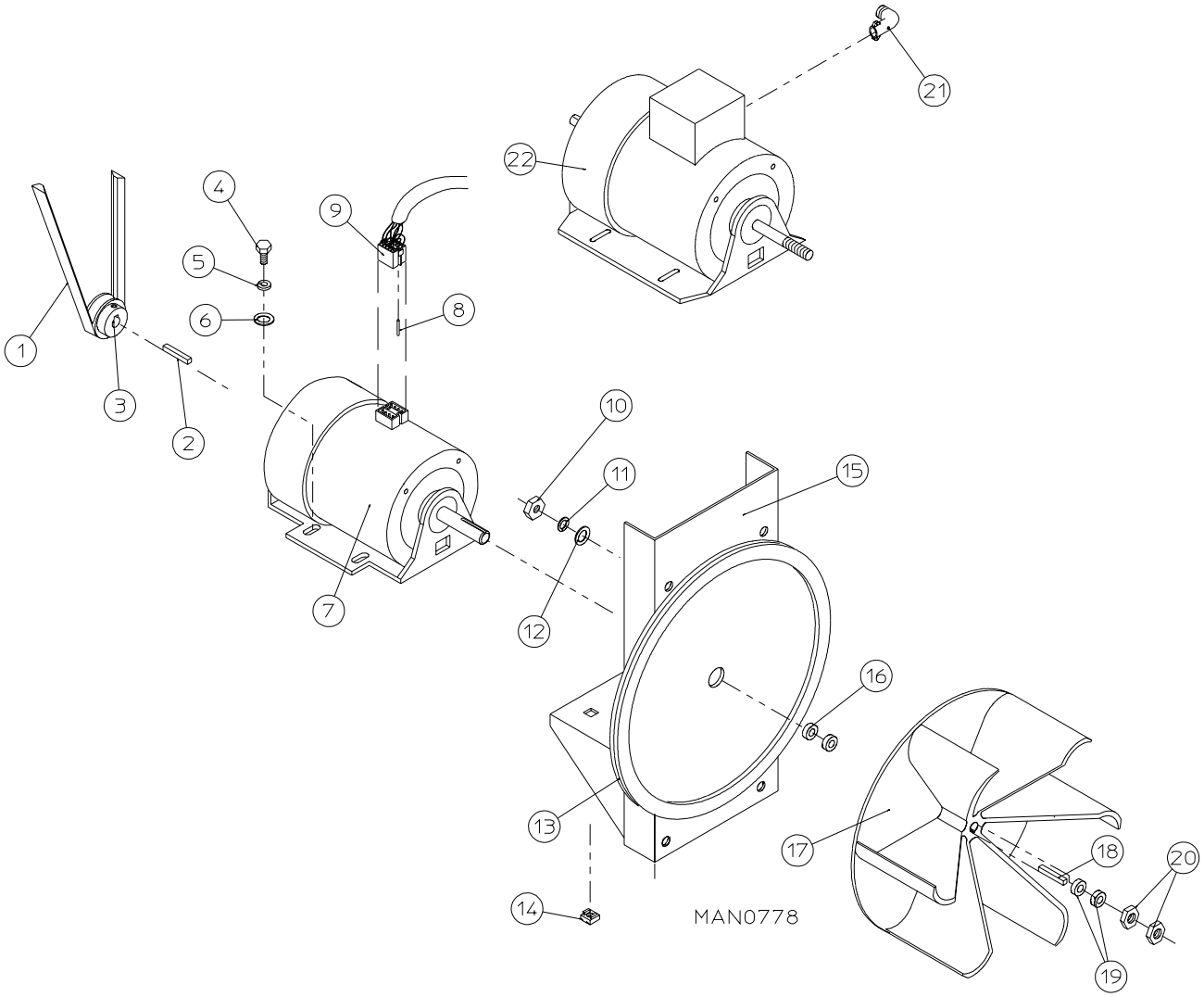
For Models Mfd. prior to January 7, 2000



For Models Mfd. prior to January 7, 2000

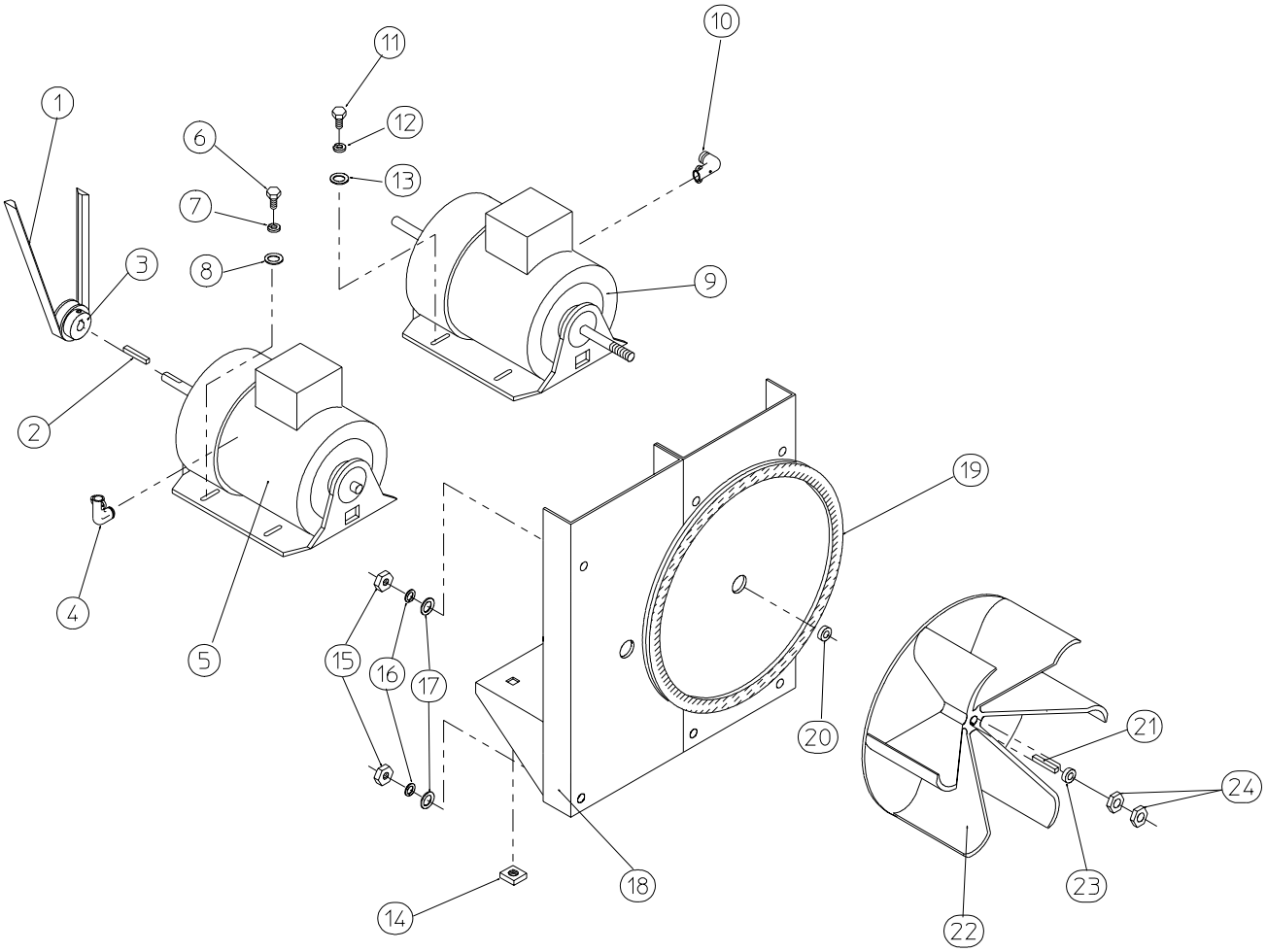
Illus. No.	Part No.	Qty.	Description
1	880220	1	1-3/4” Flange Bearing with Nylock Setscrew
2	153025	4	9/16” Lock Washer
3	152050	4	9/16-12 Hex Nut
4	150508	2	3/8-16 x 3/4” Hex Head Machine Bolt
5	153005	2	3/8” Lock Washer
6	152005	2	3/8-16 Hex Nut
7	150600	2	3/8-16 x 1-1/2” Hex Head Machine Bolt
8	153004	*	3/8” Flat Washer
9	153005	2	3/8” Lock Washer
10	152005	2	3/8-16 Hex Nut
11	150501	4	5/16-18 x 3/4” Hex Head Machine Bolt
12	153002	4	5/16” Lock Washer
13	153001	4	5/16” Flat Washer
14	150621	2	5/16-18 x 1-1/2” Hex Head Machine Bolt
15	152004	2	5/16-18 Hex Nut
16	801101	1	1-3/8” Bearing Box Assembly Complete (includes illus. nos. 4 through 20) (for models mfd. without rotational sensor)
	801103	1	1-3/8” Bearing Box and Support ONLY (includes illus. nos. 4, 5, 6, 16, and 17)
	801105	1	1-3/8” Bearing Box ONLY
17	801104	1	Pillow Block Bearing Support ONLY
18	880779	1	1-3/8” Pillow Block Bearing Assembly with Magnet (for models mfd. with rotational sensor)
	880202	1	1-3/8” Pillow Block Bearing with Nylock Setscrew
19	152004	2	5/16-18 Hex Nut
20	150610	2	5/16-18 x 1-1/2” Allen Setscrew
21	101100	1	18” Pulley (for non-reversing models Only)
	101118	1	18-3/4” Pulley (for reversing models Only)
	101110	1	1” Taper Lock Hub (key not included) (for reversing models Only)
	100735	1	Shaft Key (for taper lock hub)
22	154301	2	5/16-18 x 1” Allen Setscrew
23	100713	1	1/4” x 1/4” x 7/8” Key (for non-reversing models Only)
24	100106	1	5L-660 V-Belt (basket [tumbler] to idler)
25	824807	1	Rotational Sensor Assembly

* As required.


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
MAN0778

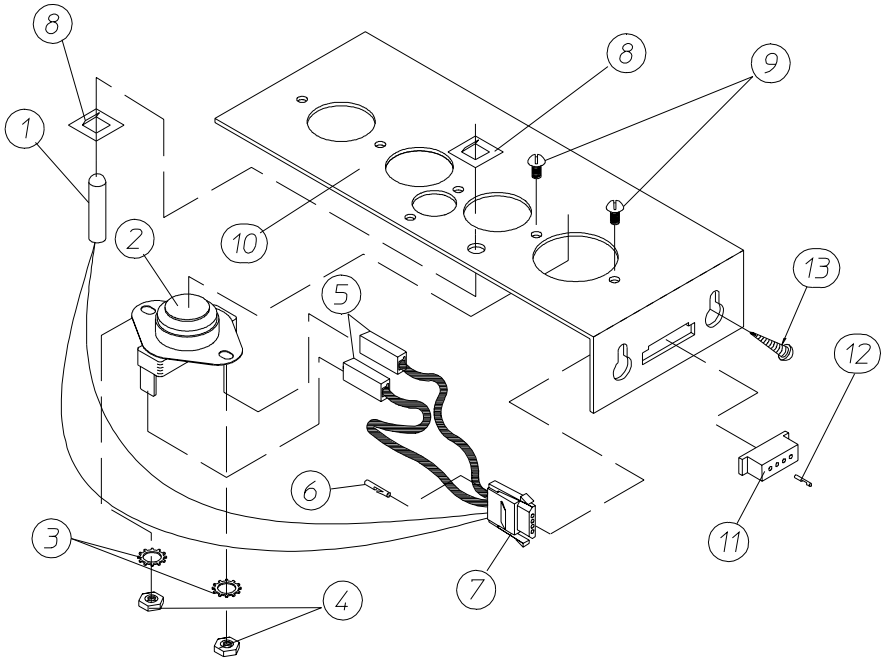
Illus. No.	Part No.	Qty.	Description
1	100194	1	4L-720 V-Belt (idler to motor)
2	100701	1	3/16" x 3/16" x 1" Key
3	101133	1	5/8" x 2-1/4" Motor Pulley (60 Hz Only)
	101130	1	5/8" x 2-1/2" Motor Pulley (50 Hz Only)
4	150501	4	5/16-18 x 3/4" Tap Bolt Zinc
5	153002	4	5/16" Lock Washer
6	153001	4	5/16" Flat Washer
7	100073	1	1 HP 120/208/230v 1ø 60 Hz Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor with Plug (56Z frame)
8	122701	8	Socket Terminal ONLY
	122801	1	Pin/Socket Extraction Tool
9	137030	1	8-Pin Housing Connector
10	152004	4	5/16-18 Hex Nut
11	153002	4	5/16" Lock Washer
12	153001	4	5/16" Flat Washer
13	117604	4	Neoprene Sponge Tape (sold by the foot)
14	154000	4	5/16-18 Tinnerman Nut
15	800919	1	Non-Reversing Motor Mount ONLY (56Z frame)
	803992*	1	1 HP 120/230v 1ø 60 Hz Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly with Plug Complete (includes illus. nos. 2 through 7 and 13 through 20)
	803953	1	3/4 HP 230v 1ø 50 Hz Non-Reversing Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly Complete (includes illus. nos. 2 through 6 and 13 through 22)
	803955*	1	1 HP 230/380/460v 3ø 60 Hz Non-Reversing Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly Complete (includes illus. nos. 2 through 6 and 13 through 22)
	803958*	1	1 HP 230/380/460v 3ø 50 Hz Non-Reversing Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly Complete (includes illus. nos. 2 through 6 and 13 through 22)
16	153051	1	3/4" S.A.E. Flat Washer
17	882670	1	16" Fab Fan Assembly (rivets)
18	100714	1	3/16" x 3/16" x 1-7/8" Key
19	153050	2	1/2" S.A.E. Flat Washer
20	152006	2	1/2-20 Left Hand Jam Nut
21	120200	1	3/8" x 90° Connector
22	100075*	1	1 HP 208/230/240/460v 3ø 50/60 Hz Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor
	100076	1	3/4 HP 230v 1ø Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor (50 Hz Only)

* Specify voltage when ordering.

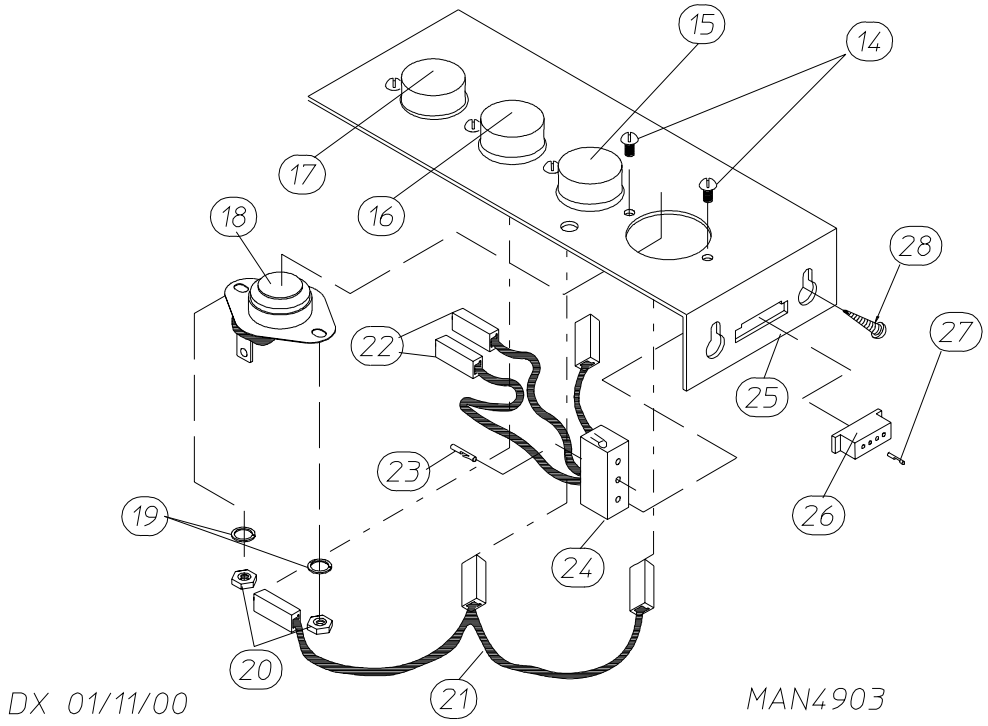

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
MAN0250

Illus. No.	Part No.	Qty.	Description
1	100109	1	4L-630 V-Belt (to idler assembly)
2	100701	1	3/16” x 3/16” x 1” Key
3	101130	1	5/8” x 2-1/2” Motor Pulley (60 Hz Only)
	101139	1	5/8” x 2-3/4” Motor Pulley (50 Hz Only)
4	120200	1	3/8” x 90° Connector
5	181003	1	1/2 HP 208/230/380/460v 3ø 50/60 Hz Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor (56Z frame)
6	150501	4	5/16-18 x 3/4” Tap Bolt Zinc
7	153002	4	5/16” Lock Washer
8	153001	4	5/16” Flat Washer
9*	100075	1	1 HP 220/230/380/460v 3ø 50/60 Hz Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor with 3/4” Shaft (56Z frame)
10	120200	1	3/8” x 90° Connector
11	150501	4	5/16-18 x 3/4” Tap Bolt Zinc
12	153002	4	5/16” Lock Washer
13	153001	4	5/16” Flat Washer
14	154000	8	5/16-18 Tinnerman Nut
15	152004	7	5/16-18 Hex Nut
16	153002	7	5/16” Lock Washer
17	153001	7	5/16” Flat Washer
18	800920	1	Reversing Motor Mount ONLY (56Z frame)
	803952**	1	60 Hz Reversing Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly Complete (includes illus. nos. 2 through 14 and 18 through 24)
	803987**	1	50 Hz Reversing Totally Enclosed, Fan-Cooled (T.E.F.C.) Motor Mount Assembly Complete (includes illus. nos. 2 through 14 and 18 through 24)
19	117604	4	Neoprene Sponge Tape (sold by the foot)
20	153051	1	3/4” S.A.E. Flat Washer
21	100714	1	3/16” x 3/16” x 1-7/8” Key
22	882670	1	16” Fab Fan Assembly (rivets)
23	153050	***	1/2” S.A.E. Flat Washer
24	152006	2	1/2-20 Left Hand Jam Nut

* Check part number on motor data label to verify correct motor.
** Specify voltage when ordering.
*** As required.

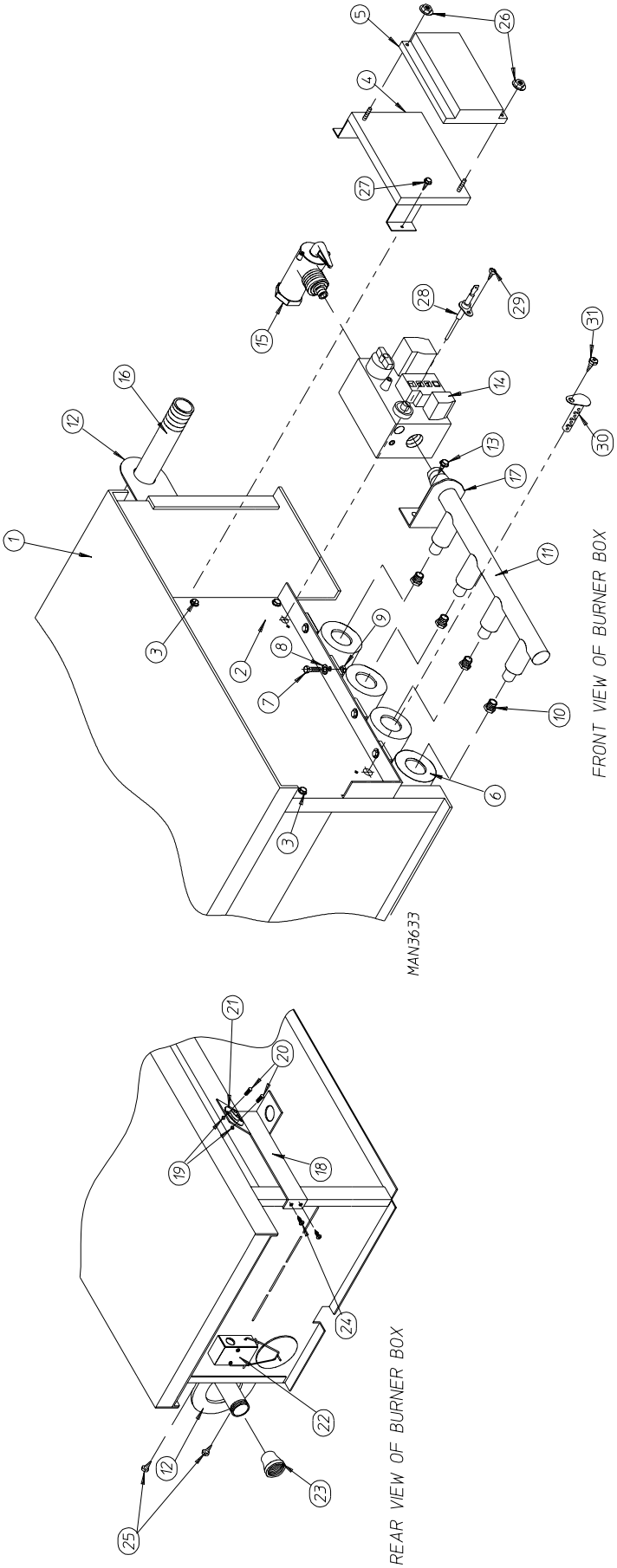


MICROPROCESSOR SENSOR BRACKET ASSEMBLY



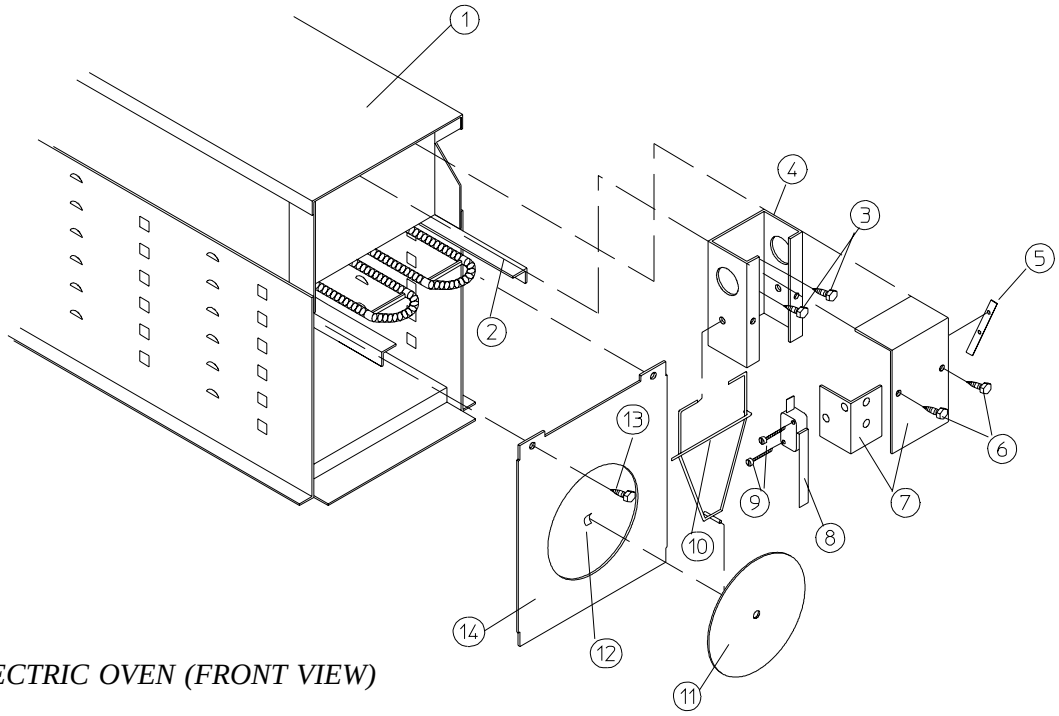
NON-COMPUTER SENSOR BRACKET ASSEMBLY

Illus. No.	Part No.	Qty.	Description
1	880251	1	1/4" Temperature Sensor Probe Assembly (includes illus. nos. 1 and 5 through 8)
2	130301	1	225° Manual Reset Thermostat
3	153010	2	#6 Star Washer
4	152000	2	#6-32 Hex Nut
5	121028	2	Insulated Female Terminal
6	122701	4	Socket Terminal ONLY
	112801	1	Pin/Socket Extraction Tool
7	122605	1	4-Pin Socket Connector ONLY
8	154007	2	1/4" Tinnerman Push On Fastener
9	150005	2	#6-32 x 1/4" Phillips Round Head Machine Screw
10	824051	1	Microprocessor Sensor Bracket Assembly Complete (includes illus. nos. 1 through 10)
	322062	1	Universal Sensor Bracket ONLY
11	122604	1	4-Pin Connector ONLY
12	122700	4	Pin Terminal ONLY
13	150301	2	#8-18 x 7/16" Phillips Pan Head TEK Screw
14	150005	5	#6-32 x 1/4" Phillips Round Head Machine Screw
15	130111	1	130° Large Thermostat
16	130100	1	150° Large Thermostat
17	130301	1	225° Manual Reset Thermostat
18	130101	1	180° Large Thermostat
19	153010	5	#6 Star Washer
20	152000	5	#6-32 Hex Nut
21	882535	1	Sensor Jumper ONLY
22	121028	4	Insulated Female Terminal
23	122701	4	Socket Terminal ONLY
24	122605	1	4-Pin Socket Connector ONLY
	882534	1	Sensor Bracket Harness Assembly (includes illus. nos. 22, 23, and 24)
25	882536	1	Noncomputer Sensor Bracket Assembly Complete (includes thermostats) (includes illus. nos. 14 through 25)
	322062	1	Universal Sensor Bracket ONLY
26	122604		4-Pin Connector ONLY
27	122700	4	Pin Terminal ONLY
	122801	1	Pin/Socket Extraction Tool
28	150301	2	#8-18 x 7/16" Phillips Pan Head TEK Screw

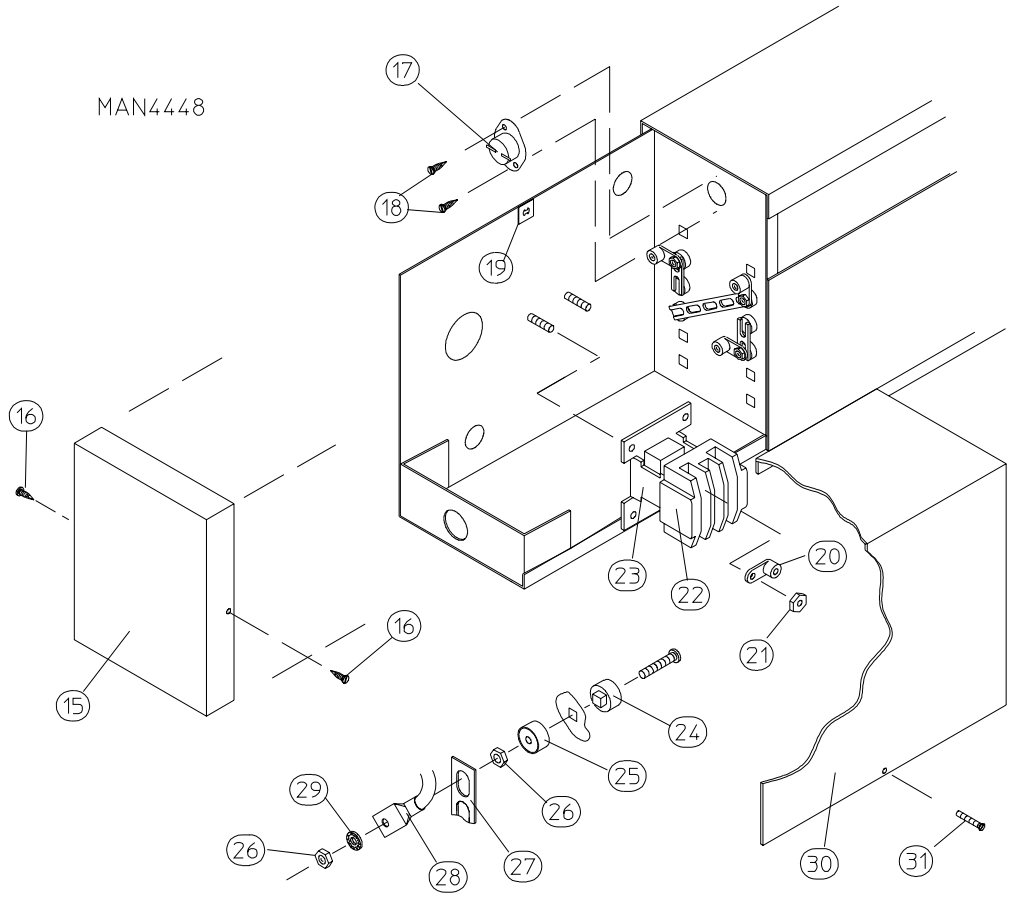

FRONT VIEW OF BURNER BOX
REAR VIEW OF BURNER BOX
MAN3633

Illus. No.	Part No.	Qty.	Description
1	817110*	1	Natural Gas Burner Assembly Complete Less Orifices (includes illus. nos 1 through 9 and 11 through 31) For Models Manufactured with Natural Gas ONLY
	817111*	1	Liquid Propane (L.P.) Gas Burner Assembly Complete Less Orifices (includes illus. nos 1 through 9 and 11 through 31) For Models Manufactured with Liquid Propane (L.P.) Gas ONLY
	810046	1	Burner Box ONLY
	882459**	1	Liquid Propane (L.P.) Conversion Kit
2	150309	2	#10-16 x 1/2" Hex Head TEK Crimptite Screw
3	150309	3	#10-16 x 1/2" Hex Head TEK Crimptite Screw
4	810029	1	Hot Surface Ignition (HSI) Module Mounting Bracket
5	128975	1	Hot Surface Ignition (HSI) Module II
6	141105	4	Large Burner Tube
7	150103	4	#8-32 x 3/4" Phillips Round Head Machine Screw
8	153000	4	#8 Steel Burr
9	151001	4	#8-32 Pal Nut
10**	140820	4	#29 Burner Orifice (natural gas) ONLY
	140804	4	#48 Burner Orifice (liquid propane [L.P.] gas) ONLY
11	141210	1	4-Port Manifold
12	318700	2	Pipe Bracket (bent)
13	150300	2	#10-16 x 1/2" Hex Washer TEK Screw
14	128933	1	CE 1/2" 24 VAC Redundant (natural gas) Gas Valve
	883255	1	CE 1/2" 24 VAC Liquid Propane (L.P.) Gas Valve Assembly
15	141314	1	1/2' Union Shutoff with Tail Piece
16	142809	1	1/2" x 29-1/8" Nipple
17	323737	1	Pipe Bracket
18	319704	1	Hi-Limit Mounting Bracket
19	151000	2	#6-32 Pal Nut
20	150001	2	#6-32 x 1/2" Phillips Round Head Machine Screw
21	130201	1	330º Hi-Limit ONLY
22	---------	1	Sail Switch (refer to **Sail Switch Assembly** on **page 31**)
23	142936	1	3/4" to 1/2" Reducing Coupling
	142936	1	3/4" BSPT x 1/2" N.P.T. Coupling (CE Only)
24	150309	2	#10-16 x 1/2" Hex Head TEK Crimptite Screw
25	150309	2	#10-16 x 1/2" Hex Head TEK Crimptite Screw
26	151001	2	#8-32 Pal Nut
27	150309	3	#10-16 x 1/2" Hex Head TEK Crimptite Screw
28	128912	1	Hot Surface Ignition (HSI) Flame Sensor
29	150301	1	#8-18 x 7/16" Phillips Pan Head TEK Screw
30	881597	1	Hot Surface Ignitor (2-1/2" length) - 24 VAC
31	150309	1	#10-16 x 1/2" Hex Head TEK Crimptite Screw

* Burner orifices *are not included* and **must be** ordered separately.
** Consult factory for elevations over 2,000 feet.



ELECTRIC OVEN (FRONT VIEW)



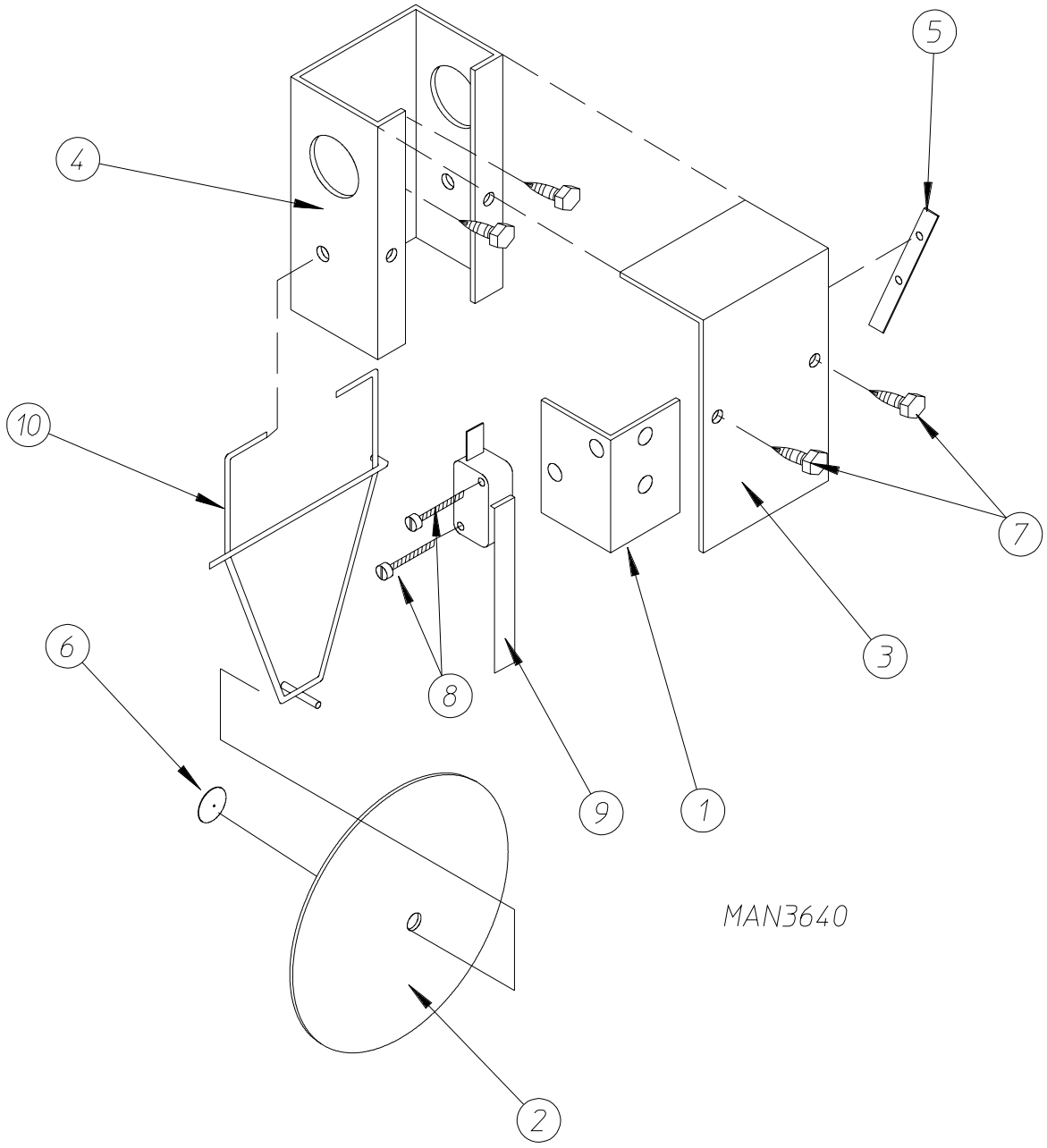
ELECTRIC OVEN (REAR VIEW)

Illus. No.	Part No.	Qty.	Description
1	803005	1	Large Electric Oven Box ONLY
	--------*	1	Electric Oven Assembly Complete
2	--------*	-	Electric Element
3	150300	2	#10-16 x 1/2" Hex Washer TEK Screw
4	802800	1	Sail Switch Box with Bracket and Cover ONLY
	802801	1	Sail Switch Box Assembly Complete (includes illus. nos. 4 through 12)
5	154004	1	Twin Speed Nut
6	150309	2	#10-16 x 1/2" Hex Head TEK Crimptite Screw
7	802799	1	Sail Switch Box Cover and Bracket ONLY
8	122200	1	Sail Switch ONLY
9	150303	2	#4 x 3/4" Pan Head "A" Machine Screw
10	105500	1	Sail Switch Actuator Rod
11	319202	1	Sail Switch Damper (flat)
12	154002	1	1/8" Push On Fastener
13	150300	2	#10-16 x 1/2" Hex Washer TEK Screw
14	803100	1	Electric Oven Front Cover ONLY
15	320611	1	Large Relay Box Cover ONLY
16	150301	2	#8-18 x 7/16" Phillips Pan Head TEK Screw
17	130400	1	290° Hi-Limit
18	150300	2	#10-16 x 1/2" Hex Washer TEK Screw
19	154001	1	#10-24 Speed Nut
20	121012	1	Terminal Lug for 110-8 Wire
21	152014	3	1/4-20 Free Spin Wash Nut
22	--------*	1	Oven Relay
23	--------*	1	Oven Relay Replacement Coil
24	120081	-	Internal Ceramic Insulator (2 per element)
25	120080	-	External Ceramic Insulator (2 per element)
26	152008	-	#10-32 Hex Nut (4 per element)
27	121011*	-	Bus Bar
28	--------**	-	Terminal Lug
29	153009	-	#10 Star Washer (2 per element)
30	320607	1	Large Electric Oven Right Side Cover ONLY
31	150402	2	#10-24 x 5/8" Truss Head Machine Screw
--	882772***	1	Steam to Electric Interface Plate...Not Illustrated

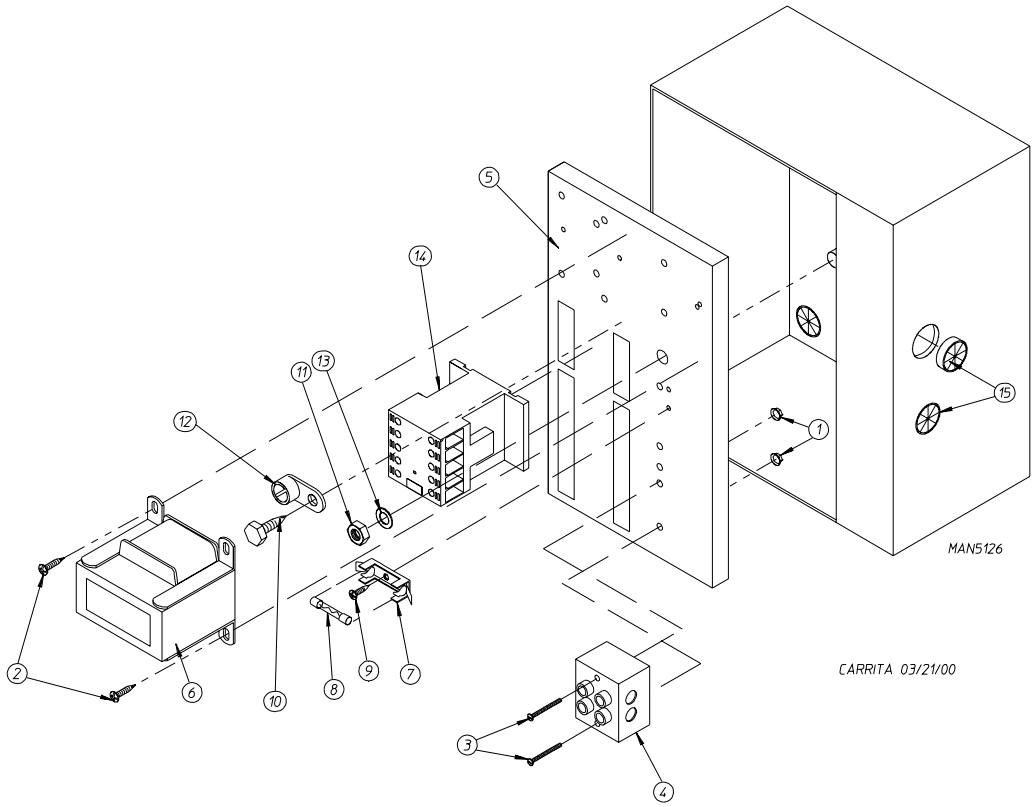
* Refer to **Electric Oven Component Application Chart** on **page 30**.
** Consult factory for wiring harness required.
*** Needed when converting from steam heat to electric heat.

Kw	Volt	Phase	Wire	Oven Assembly* Part No.	Elements			Oven Wire			Terminal Lug		Bus Bar P/N 121011	Oven Relay	
					Qty.	Size	Part No.	Qty.	Size	Part No.	Qty.	Part No.		Cat. No.	Part No.
40	416	3ø	3 or 4	824922	6	6.6	120027	1	#6	830404	1	121010	1	DFAG	131361
36	208	3ø	3 or 4	824921	6	6	120015	1	#2	830408	1	121012	1	GEAJ	131385
36	230	3ø	3	824026	6	6	120014	1	#2	830405	1	121012	1	FEAJ	131375
36	460/480	3ø	3 or 4	824920	6	6	120014	1	#8	830402	1	121010	1	DPA43	131357
33	380	3ø	3 or 4	825078	6	6	120027	1	#2	830404	1	121012	1	DFAJ	131361
30	208	3ø	3 or 4	824918	6	5	120012	1	#2	830407	1	121012	1	FEAJ	131375
30	230	3ø	3	824935	6	5	120013	1	#2	830407	1	121012	1	FEAJ	131375
30	416	3ø	3 or 4	824947	6	5	120012	1	#8	830401	1	121010	2	DPA43	131357
30	460/480	3ø	3 or 4	824953	6	5	120013	1	#8	830402	1	121010	2	BFAJ	131351
25	380	3ø	3 or 4	824940	6	5	120012	1	#8	830402	1	121010	2	BFAJ	131351
24	208	3ø	3 or 4	824916	6	4	120010	1	#4	830405	1	121012	1	DPA63	131369
24	230	3ø	3	824933	6	4	120011	1	#6	830404	1	121010	1	DFAG	131361
24	416	3ø	3 or 4	824946	6	4	120010	1	#8	830401	1	121010	2	BFAJ	131351
24	460/480	3ø	3 or 4	824952	6	4	120011	1	#8	830402	1	121010	2	BFAJ	131351
20	208	1ø	2	824904	5	4	120010	1	#4	830405	1	121012	2	GEAJ	131385
20	230	1ø	2	824926	5	4	120011	1	#4	830414	1	121012	2	FEAJ	131375
20	380	3ø	3 or 4	824939	6	4	120010	1	#8	830402	1	121010	2	BFAJ	131351

* Oven assembly complete *does not include* oven relay. This item **must be** ordered separately. When ordering Oven Assembly Complete, specify 3 wire or 4 wire when applicable, as well as if dryer has microprocessor controller (computer) or non-microprocessor controls.

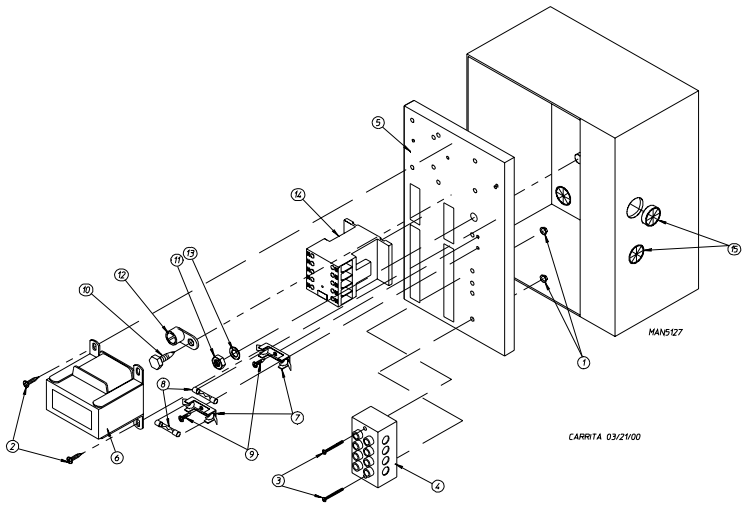


Illus. No.	Part No.	Qty.	Description
1	319203	1	Sail Switch Mounting Bracket
2	319202	1	Sail Switch Damper (flat)
3	319201	1	Sail Switch Box Cover
4	319200	1	Sail Switch Box
5	154004	1	Twin Speed Nut
6	154002	1	1/8” Push On Fastener
7	150309	4	#10-16 x 1/2” Hex Head TEK Crimptite Screw
8	150303	2	#4 x 3/4” Pan Head “A” Machine Screw
9	122200	1	Sail Switch ONLY
	881706	1	Sail Switch Box Assembly Complete (includes illus. nos. 1 through 10)
10	105500	1	Sail Switch Actuator Rod



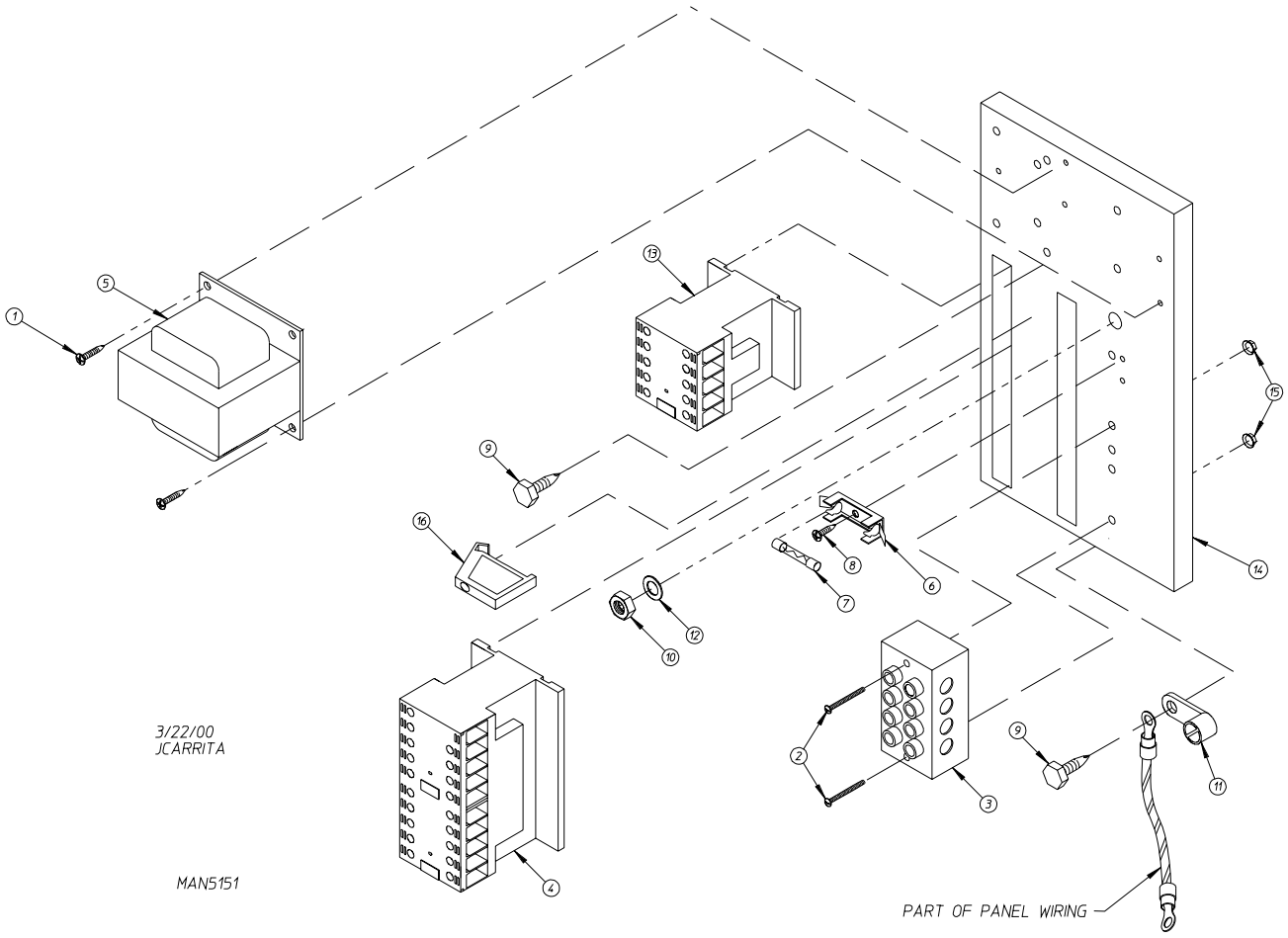
Illus. No.	Part No.	Qty.	Description
1	151000	2	#6-32 Pal Nut
2	150300	2	#10-16 x 1/2” Hex Washer TEK Screw
3	150008	2	#6-32 x 1-1/4” Phillips Pan Head Machine Screw
4	120716	1	2-Position Terminal Block
5	322817	1	Rear Electric Mounting Plate ONLY
	818073	1	Rear Electric Panel Assembly Complete - 120 Volt (includes illus. nos. 1 through 14)
	818044	1	Rear Electric Panel Wiring (120 Volt Only)...Not Illustrated
	--------*	1	Rear Electric Panel Assembly Complete - 208-240 Volt (includes illus. nos. 1 through 14)
	--------*	1	Rear Electric Panel Wiring (208-240 Volt Only)...Not Illustrated
6	818075	1	Transformer Assembly - 120 Volt
	--------*	1	Transformer Assembly - 208-240 Volt
7	136008	1 or 2	Fuse Holder ONLY
8	136049	1	3/4-Amp (slo blo) Fuse ONLY - 120 Volt
	136057	2	1/2-Amp (slo blo) Fuse ONLY - 208-240 Volt
9	150301	1	#8-18 x 7/16” Phillips Pan Head TEK Screw
10	150297	1	#10 x 1/2” Hex Washer TEK Screw (green)
11	152004	1	5/16-18 Hex Nut
12	121010	1	L-70 Ground Lug
13	153002	1	5/16” Lock Washer
14	132459	1	3-Pole Contactor
15	121300	3	Open/Closed Bushing

* Not available at time of printing. Contact factory for information.



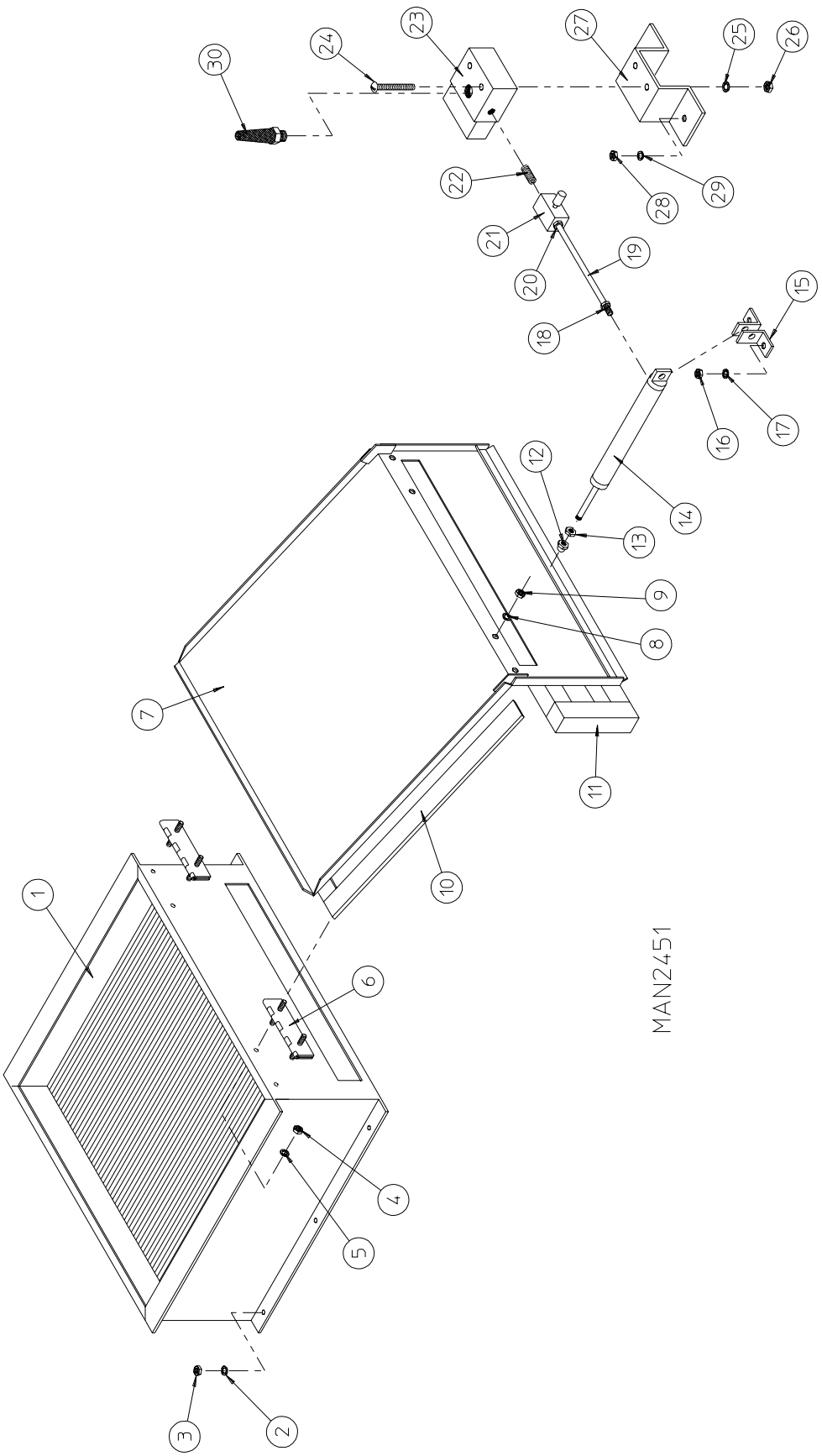
Illus. No.	Part No.	Qty.	Description
1	151000	2	#6-32 Pal Nut
2	150300	2	#10-16 x 1/2” Hex Washer TEK Screw
3	150008	2	#6-32 x 1-1/4” Phillips Pan Head Machine Screw
4	120716	1	2-Position Terminal Block
5	322817	1	Rear Electric Mounting Plate ONLY
	818074	1	Rear Electric Panel Assembly Complete - 208-240 Volt (for gas and steam models Only) (includes illus. nos. 1 through 14)
	818072	1	Rear Electric Panel Wiring 208-240 Volt...Not Illustrated (for gas and steam models Only)
	818069	1	Rear Electric Panel Assembly 380-416 Volt 3ø (for gas and steam models Only) (includes illus. nos. 1 through 14)
	818070	1	Rear Electric Panel Wiring 380-416 Volt 3ø...Not Illustrated (for gas and steam models Only)
	--------*	1	Rear Electric Panel Assembly 380-416 Volt 3ø w 1ø Motor (for gas and steam models Only) (includes illus. nos. 1 through 14)
	--------*	1	Rear Electric Panel 380-416 Volt 3ø w 1ø Motor...Not Illustrated (for gas and steam models Only)
6	818036	1	Transformer Assembly - 208-240 Volt (for gas and steam models Only)
	818037	1	Transformer Assembly - 380-416 Volt (for gas and steam models Only)
	132070	1	Transformer Assembly - 380-416 Volt (for electric models Only)
7	136008	2	Fuse Holder ONLY
8	136057	2	1/2-Amp (slo blo) Fuse ONLY
9	150301	2	#8-18 x 7/16” Phillips Pan Head TEK Screw
10	150297	1	#10 x 1/2” Hex Washer TEK Screw (green)
11	152004	1	5/16-18 Hex Nut
12	121010	1	L-70 Ground Lug
13	153002	1	5/16” Lock Washer
14	132459	1	3-Pole Contactor
15	121300	3	Open/Closed Bushing

* Not available at time of printing. Contact factory for information.

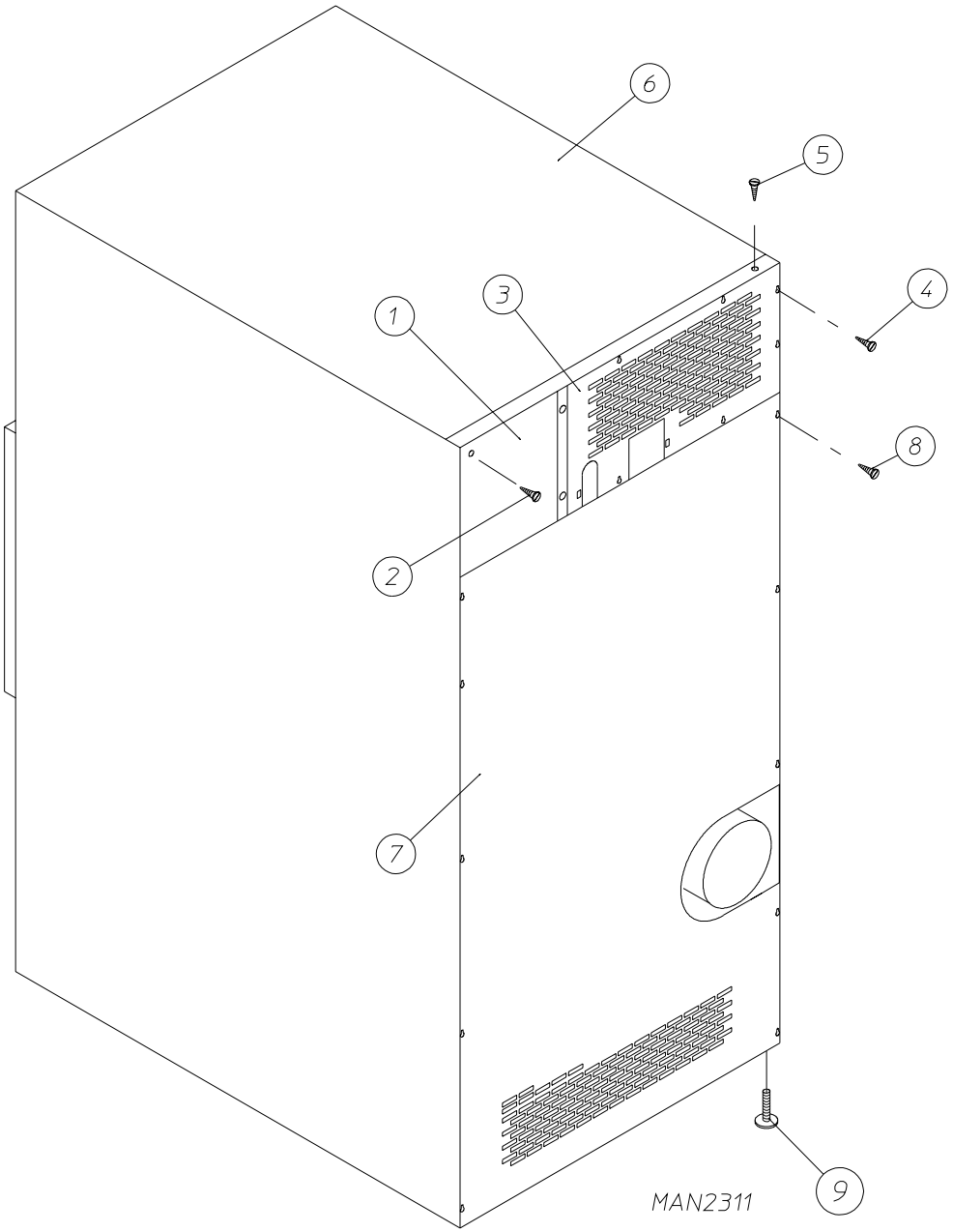

3/22/00
JCARRITA
MAN5151
PART OF PANEL WIRING

Illus. No.	Part No.	Qty.	Description
1	150300	2	#10-16 x 1/2" Hex Washer TEK Screw
2	150008	2	#6-32 x 1-1/4" Phillips Pan Head Machine Screw
3	120701	1	4-Position Terminal Block
4	132458	1	3-Pole Reversing Contactor
5	818036	1	Transformer Assembly - 208-240 Volt (for gas and steam models Only)
	818037	1	Transformer Assembly - 380-416 Volt (for gas and steam models Only)
	132070	1	Transformer Assembly - 380-416 Volt (for electric models Only)
6	136008	1	Fuse Holder ONLY
7	136057	1	1/2-Amp (slo blo) Fuse ONLY - 208-240 Volt
8	150301	1	#8-18 x 7/16" Phillips Pan Head TEK Screw
9	150297	1	#10 x 1/2" Hex Washer TEK Screw (green)
10	152004	1	5/16-18 Hex Nut
11	121010	1	L-70 Ground Lug
12	153002	1	5/16" Lock Washer
13	132459	1	3-Pole Contactor
14	322812	1	Rear Electric Mounting Plate ONLY
	--------*	1	Rear Electric Panel Assembly Complete - 208-240 Volt (for gas and steam models Only) (includes illus. nos. 1 through 14)
	--------*	1	Rear Electric Panel Wiring 208-240 Volt...Not Illustrated (for gas and steam models Only)
	819068	1	Rear Electric Panel Assembly Complete 380-416 Volt (for gas and steam models Only)
	819044	1	Rear Electric Panel Wiring (380-416 Volt Only)...Not Illustrated (for gas and steam models Only)
15	151000	2	#6-32 Pal Nut
16	120765	1	Standard End Bracket

* Not available at time of printing. Contact factory for information.


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
MAN2451

Illus. No.	Part No.	Qty.	Description
1	165009	1	Steam Coil Assembly
2	153002	6	5/16" Lock Washer
3	152004	6	5/16-18 Hex Nut
4	152002	4	1/4-20 Hex Nut
5	153007	4	1/4" Lock Washer
6	820321	2	Steam Damper Hinge Assembly
7	803415	1	Steam Damper Assembly (includes illus. nos. 7, 10, and 11)
8	153007	4	1/4" Lock Washer
9	152002	4	1/4-20 Hex Nut
10	115995	108	Steam Damper Gasket (sold by the inch)
11	102350	1	Steam Damper Foam (68-1/2" length)
12	151007	1	7/16-20 Stainless Steel Acorn Nut
13	152007	1	7/16-20 Hex Nut
14	100497	1	1-1/4" Bore x 3" Stroke Piston
15	100492	1	Piston Support Bracket
16	152002	4	1/4-20 Hex Nut
17	153007	4	1/4" Lock Washer
18	100472	1	1/4" x 1/8" Connector
19	143110	1	1/4" Tubing (sold by the foot)
20	100472	1	1/4" x 1/8" Connector
21	100496	1	1/8" Needle Valve
22	143238	1	1/8" Close Nipple
23	100498	1	3-Way Micro Valve - 24 VAC
24	150002	2	#6-32 x 1" Phillips Round Head Machine Screw
25	153010	2	#6 Star Washer
26	152000	2	#6-32 Hex Nut
27	330987	1	Micro Valve Support Bracket
28	152002	2	1/4-20 Hex Nut
29	153007	2	1/4" Lock Washer
30	100520	1	1/8" N.P.T. Silencer (muffler)



Illus. No.	Part No.	Qty.	Description
1	322809	1	Back Electrical Box Cover
2	150301	4	#8-18 x 7/16” Phillips Pan Head TEK Screw
3*	323738	1	Top Back Guard (for gas models Only)
	314510	1	Top Back Guard (for electric models Only)
4	150301	7	#8-18 x 7/16” Phillips Pan Head TEK Screw
5	150300	10	#10-16 x 1/2” Hex Washer TEK Screw
6*	312527	1	Outer Top
7	314511	1	Bottom Back Guard
8	150301	13	#8-18 x 7/16” Phillips Pan Head TEK Screw
9	103500	4	Leveling Leg

* There is no outer top or top back guard on steam models.

NOTE: Coin acceptors listed include optical switch.
Replacement optic switch for Hanke acceptors is Part No. 881143.
Replacement optic switch for Greenwald acceptors is Part No. 137056.

Single Coin*

ADC Part No.	Nation	Description
882689	United States	25¢ Hanke Optic Coin Acceptor (for models mfd. as of June 15, 2000)
125100	U.S. and Canada	25¢ Greenwald Optic Coin Acceptor (for models mfd. prior to June 15, 2000)
125107	Australia	20¢ Greenwald Australian Optic Coin Acceptor
881768	Australia	$1 Hanke Australian Optic Coin Acceptor
881604	Japan	100 Yen Hanke Optic Coin Acceptor
125103	---	0.882 Token Greenwald Optic Coin Acceptor
125121	---	0.800 Token Greenwald Optic Coin Acceptor
125133	Hong Kong	$1 Greenwald Hong Kong Optic Coin Acceptor

Dual Coin*

881508	U.S. and Canada	10¢/25¢ Hanke Dual Optic Coin Acceptor
881842	Canada	25¢/$1 Hanke Dual Optic Coin Acceptor
881542	United Kingdom	1£/20 Pence Hanke Dual Optic Coin Acceptor
881846	France	2/5 Franc Hanke Dual Optic Coin Acceptor
881541	Netherlands	25¢/1 Guilder Hanke Dual Optic Coin Acceptor

* Consult factory for coin acceptors not listed.

Part No.	Description
112039	“Black/White/Green Ground” Label
112280	“Clean Lint Screen” Label
114001	“CAUTION - Exhaust/Lint Screen” Label
112284	“Phase 6 OPL Program Location Summary” Label
112533	“Phase 5 Coin Program Location Summary” Label
114006	“WARNING - Fire Hazards” Label
114094	“MOP HEAD WARNING” Label
117505	Aluminum Duct Tape (sold by the foot)
120100	3/8” Straight (BX) Connector
120300	3/8” x 45° (BX) Connector
120400	3/8” Red Jacket (BX) Insulator
120500	3/8” Jiffy Clip (BX retainer clip)
120600	3/8” Greenfield (BX)
120800	Recept, Fast On Splice
120802	Red Butt Connector
120902	#74B Wire Nut
120903	Closed End Connector
121014	1/4” Insulated (female) Terminal
121499	5-1/2” Wire Tie
121500	8” Harness Tie
121503	Harness Tie Mounting Clip
122804	Manometer (hydro gauge) for Measuring Gas Pressure
404502	White Brush-In-Cap Bottle Touch-Up Paint
404506	Almond “B” Brush-In-Cap Bottle Touch-Up Paint
404507	Cornflower Blue Brush-In-Cap Bottle Touch-Up Paint
410001	1/2” Allen Wrench (for removal of shutoff valve tail piece)
882458	Basket (tumbler) Puller Assembly

American Dryer Corp.